

ADELEKE OLUMIDE EMMANUEL

Software Engineer | Frontend Developer | Mobile Developer | AI Product Builder

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Professional Profiles

- LinkedIn: <https://linkedin.com/in/oluadeleke10>
- GitHub: <https://github.com/Dee-Hem>
- Portfolio: <https://drive.google.com/drive/folders/1D4EQfdN4eqWZWfAT7nLbcuQtxD-R-V9S>

PROFESSIONAL SUMMARY

I am a Computer Science undergraduate at the University of Ilorin with a CGPA of **4.66/5.00**, passionate about building software that solves practical, everyday problems.

Rather than building projects simply to learn a technology, I enjoy identifying frustrations I personally experience and turning them into products that improve people’s productivity, learning, and digital experiences. This approach has led me to independently design and develop multiple applications spanning educational technology, artificial intelligence, productivity software, and web development.

My experience covers frontend development, mobile application development, desktop software, AI-assisted applications, prompt engineering, API integration, database management, UI implementation, and product design.

Beyond software engineering, I have practical IT support experience through my Industrial Training (SIWES), leadership experience coordinating volunteers and academic initiatives, experience writing SEO-focused content, and extensive experience creating digital designs for organizations.

I enjoy learning quickly, collaborating with others, taking ownership of projects, and continuously improving products through user feedback and iteration.

TECHNICAL SKILLS

Programming Languages

- JavaScript
- Python
- Kotlin
- Java
- C++
- SQL

Frontend Development

- React.js

- Next.js
 - HTML5
 - CSS3
 - Tailwind CSS
 - Responsive Design
 - REST API Integration
 - Component-Based Architecture
 - State Management Fundamentals
 - DOM Manipulation
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Mobile Development

- Kotlin
 - Jetpack Compose
 - Kivy
 - Capacitor
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Desktop Development

- Python Tkinter
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Database

- MySQL
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Tools

- Git
 - GitHub
 - Vercel
 - Canva
 - PixelLab
 - Markdown
 - LaTeX
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Artificial Intelligence

- Prompt Engineering
 - ChatGPT
 - Google Gemini
 - Hugging Face Inference API
 - AI-assisted Software Development
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Professional Skills

- Software Engineering
- Product Development
- Problem Solving
- Analytical Thinking
- UI Design
- Technical Writing

- Team Collaboration
- Leadership
- Communication
- Project Management
- Research

PROJECTS

GPA Wizard

Academic Productivity Platform

GitHub: <https://github.com/Dee-Hem/GPA-Wizard>

Technologies

React

Next.js

Tailwind CSS

Capacitor

Description

GPA Wizard is an offline-first academic productivity platform developed to help students monitor, forecast, and manage their academic journey without relying on internet connectivity.

The application goes beyond GPA calculation by integrating planning tools, reminder systems, transcript generation, and academic forecasting into one platform.

The idea originated from my own experience as a university student trying to keep track of grades, deadlines, and academic decisions.

Features

- GPA Calculator
- CGPA Calculator
- Semester Planning
- What-if GPA Forecasting
- Academic Performance Tracking
- Unofficial Transcript Generation
- Native Calendar Integration
- Native Alarm & Reminder Integration
- Offline-first Architecture
- Backup & Restore
- Responsive User Interface
- Cross-platform Support

Impact

The application enables students to stay organized, reduce dependence on spreadsheets, avoid missing important academic activities, and make informed academic decisions before results are released.

FormaText

AI Writing & Documentation Platform

Live Demo

<https://forma-psi-swart.vercel.app/>

Technologies

React

Next.js

JavaScript

Tailwind CSS

Description

FormaText is an AI-powered writing platform built for students, professionals, and creators who frequently write reports, documentation, notes, and long-form content.

It combines AI-assisted writing with Markdown editing, live preview, PDF generation, and LaTeX support to provide a modern documentation workflow.

Features

- AI-assisted Writing
 - Markdown Editor
 - Live Preview
 - PDF Export
 - LaTeX Rendering
 - Modern UI
 - Responsive Design
 - Document Formatting
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SmartClip

Android Productivity Application

(Currently in Development)

Technologies

Kotlin

Description

SmartClip was inspired by a personal productivity challenge I experience almost every day.

While completing scholarship applications, internship forms, and online registrations, I constantly copy personal information such as addresses, names, links, and identification details.

Unfortunately, Android only stores the most recent copied text, causing previously copied information to be lost.

SmartClip permanently saves copied content and provides quick access through a floating on-screen shortcut, making clipboard history instantly accessible anywhere.

Planned Features

- Clipboard History
- Floating Widget
- Search
- Favorites
- Categories
- Offline Storage
- One-tap Copy
- Modern Material Design Interface

TrumpBot – Personality-Based AI Chatbot

Live Demo: <https://trumpbot-swart.vercel.app/>

GitHub: https://github.com/Dee-Hem/Trump_bot

Technologies

- Python
- Gradio
- Hugging Face Inference API
- Vercel

Description

TrumpBot is a personality-driven AI chatbot developed to demonstrate prompt engineering, conversational AI, and AI application deployment. The chatbot maintains a consistent speaking style and personality while responding dynamically to user prompts.

Key Contributions

- Developed a responsive conversational interface.
 - Engineered system prompts to maintain consistent personality and tone.
 - Integrated AI inference APIs for real-time responses.
 - Deployed the application publicly using Vercel.
 - Optimized the interface for ease of use and accessibility.
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Grade Architect – Desktop Academic Tracker

GitHub: <https://github.com/Dee-Hem/Grade-Architect>

Technologies

- Python
- Tkinter

Description

Developed a desktop application to simplify GPA and CGPA calculation while helping students monitor their academic progress.

Features

- GPA & CGPA Calculation
 - Course Management
 - Grade Computation
 - Academic Progress Tracking
 - Intuitive Graphical User Interface
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Grade Architect Mobile

GitHub: <https://github.com/Dee-Hem/Grade-architect-mobile>

Technologies

- Python
- Kivy

Description

Developed a cross-platform mobile application that enables students to calculate, monitor, and manage their academic performance across devices.

Features

- Cross-platform compatibility
 - Responsive user interface
 - Multi-screen navigation
 - GPA tracking
 - Modular application architecture
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PROFESSIONAL EXPERIENCE

IT Intern (SIWES)

Mountain Top University ICT Centre

April 2026 – September 2026

Completed a six-month Industrial Training (SIWES) focused on supporting institutional ICT operations and providing technical assistance across the University's computing environment.

Responsibilities

- Installed, configured, and updated software applications.
- Diagnosed and resolved hardware and software issues.
- Assisted staff and students with technical support requests.
- Maintained computer systems and laboratory equipment.
- Participated in system deployment and configuration.
- Supported routine ICT maintenance and operational activities.
- Assisted with documentation of technical procedures and completed tasks.
- Worked collaboratively with ICT personnel to ensure smooth day-to-day operations.

Skills Developed

- Technical Support
 - IT Troubleshooting
 - Software Installation
 - System Administration
 - Hardware Maintenance
 - Networking Fundamentals
 - User Support
 - Professional Workplace Collaboration
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Campus Ambassador

Cowrywise

December 2025 – Present

Serve as a campus representative promoting financial literacy and responsible money management among university students.

Responsibilities

- Organized awareness campaigns.
 - Promoted savings and investment education.
 - Engaged students through digital and physical outreach.
 - Represented the Cowrywise brand during campus activities.
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SEO Content Writer (Contract)

Tymlova

2025 – Present

Develop SEO-focused web content designed to improve search visibility and user engagement.

Responsibilities

- Conduct keyword research.
 - Produce optimized articles and website content.
 - Improve content readability and discoverability.
 - Support digital marketing initiatives through content strategy.
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Graphics Designer (Freelance)

Provide creative design services for organizations, student communities, churches, and social initiatives.

Responsibilities

- Event flyers
 - Social media graphics
 - Brand identity materials
 - Digital promotional assets
 - Presentation graphics
 - Marketing creatives
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LEADERSHIP & VOLUNTEER EXPERIENCE

Team Lead – Graphics Design Volunteer Team

Salve Vidas Foundation

May 2026

Led the volunteer graphics design team for a month-long community development initiative focused on social impact.

Project Activities

- Blood Donation Campaign
- School Outreach
- Health Awareness Campaigns
- Community Development Projects

Responsibilities

- Coordinated volunteer designers.
 - Designed campaign visuals and promotional materials.
 - Maintained branding consistency across outreach campaigns.
 - Collaborated with project teams to deliver communication materials on schedule.
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Academic Coordinator

Unilorin Christian Fellowship (UCFA)

2025 – Present

Coordinate academic support initiatives aimed at improving students' academic performance.

Responsibilities

- Organized tutorials.
 - Coordinated peer learning sessions.
 - Mentored students academically.
 - Supported educational programs within the fellowship.
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Social Media Manager

Scripture Union Campus Fellowship (SUCF)

2025 – Present

Manage the fellowship's digital communication and online engagement.

Responsibilities

- Designed digital content.
 - Managed social media platforms.
 - Increased audience engagement.
 - Promoted fellowship activities online.
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Volunteer

Plogging Nigeria

Participated in environmental sanitation and sustainability initiatives promoting cleaner communities.

Survey Lead / Researcher

University of Ilorin

Conducted sanitation and environmental research within the faculty, collecting and analyzing field data to support institutional awareness initiatives.

Member

Brain Builders Youth Development Initiative

Participated in youth development and digital literacy programs while contributing to community-focused initiatives.

EDUCATION

University of Ilorin

Bachelor of Science (B.Sc.) Computer Science

2023 – 2027 (Expected)

CGPA: 4.66 / 5.00

Relevant Coursework

- Data Structures & Algorithms
- Database Systems
- Numerical Computation
- Software Engineering
- Programming (Java, C & C++)
- Statistics
- Operating Systems
- Calculus

Academic Highlights

- Consistently maintained a First-Class CGPA.
 - Developed multiple software projects as part of personal learning beyond coursework.
 - Active participant in leadership and technical initiatives on campus.
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PROFESSIONAL CERTIFICATIONS

HP LIFE

Completed Professional Courses in:

- AI for Beginners
 - Resume Writing and Job Interviewing
 - Effective Leadership
 - Success Mindset
 - Introduction to Cybersecurity Awareness
 - Design Thinking
 - Critical Thinking in the AI Era
 - Social Entrepreneurship
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Additional Certifications

- Global Mentorship Initiative (GMI) Mentorship Certificate
 - IBM – Level Up Cybersecurity with Generative AI
 - Aspire Leaders Program (Cohort 5)
 - Google Digital Academy – Google My Business Certification
 - Programming & Database Management Systems Training
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FELLOWSHIPS, PROGRAMS & PROFESSIONAL DEVELOPMENT

- Aspire Leaders Program – Cohort 5 Graduate
 - Airtel NextGen Fellowship Participant
 - Boycode Bootcamp 5.0 Participant (Data Analysis Track)
 - Intellect Africa Summer Fellowship 2.0 – Observer Fellow (Builders Track)
 - Global Mentorship Initiative (GMI) Mentee
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PROFESSIONAL AFFILIATIONS

- Global Mentorship Initiative (GMI)
 - Aspire Leaders Program Alumni
 - Cowrywise Campus Ambassador Network
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LANGUAGES

- English (Professional Proficiency)
 - Yoruba (Native Proficiency)
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INTERESTS

- Software Engineering
 - Frontend Development
 - Mobile Application Development
 - Artificial Intelligence
 - Educational Technology
 - Financial Technology (FinTech)
 - Product Design
 - Community Development
 - Open Source Software
 - Human-Centered Technology
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REFERENCES

Available upon request.