Grace Adegunle

17, Ladipo Street, Ketu, Lagos, Nigeria

+234 904 595 4844 | graceadegunle16@gmail.com | [LinkedIn](#) | [GitHub](#)

CAREER SUMMARY

I'm highly skilled and Results-driven Full Stack Developer with 4+ years of experience building scalable, high-performance applications using the MERN stack (MongoDB, Express.js, React.js, Node.js). Adept at developing full-stack solutions, integrating cloud services, and implementing DevOps best practices and CI/CD pipelines. Strong background in designing RESTful APIs, microservices architecture, and deploying applications to AWS. Passionate about problem-solving, optimizing system performance, ensuring security best practices, and delivering impactful solutions. Effective communicator with experience leading teams, mentoring developers, and collaborating with stakeholders to drive innovation.

Technical SkillSet

- **Frontend:** React.js, Next.js, Redux, Tailwind CSS, TypeScript,, JavaScript(ES6+), Material UI, Figma to Code Conversion,Vercel
- **Backend:** Node.js, Express.js, NestJS, REST APIs
- **Database Management:** MongoDB, Firebase, SQL
- **Cloud & DevOps:** AWS (EC2, S3, Lambda, RDS), Docker, Kubernetes, Terraform, CI/CD (GitHub Actions, Jenkins)
- **Testing & Debugging:** Jest, Cypress, Postman, Mocha, Debugging Tools
- **Security & Performance Optimization:** Authentication (OAuth, JWT, SAML), authorization, caching strategies, Load Balancing, Logging & Monitoring (Datadog, Prometheus, ELK Stack)
- **Programming Languages:** JavaScript (ES6+), TypeScript, Java, C++, Python

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Work Experience

Contract Work – Adekunle Ajasin University, Akungba-Akoko (AAUA)

Admission Evaluation System & Student Evaluation System *(September 27, 2024)*

- Developed an **automated admission evaluation system** for the **Faculty of Science**, reducing manual workload by **60%** and improving decision-making efficiency.

- Built a **student evaluation platform** that provides **real-time performance analytics**, assisting faculty in better academic tracking.
- Implemented **automated scoring algorithms** and **data visualization** tools, enhancing the accuracy of student assessments.

Final Year Project Defense

AI Business Consultation Bot *(November 16, 2024)*

- Engineered an **AI-powered chatbot** designed to **analyze business queries** and provide data-driven recommendations.
- Integrated **Natural Language Processing (NLP)** to improve the bot's response accuracy, achieving a **90% user satisfaction rate**.
- Automated business consultations, reducing the need for manual advisory services and improving accessibility for entrepreneurs.

Contract Work

Conference Ticket Generator *(February 2025)*

- Developed an **automated ticketing system** for conference events, reducing ticket processing time by **70%**.
- Implemented **QR-code-based ticket generation and validation**, streamlining the event entry process.
- Integrated an **email-based ticket delivery system**, ensuring secure and instant distribution to attendees.

Contract Work

TeamFusion – Enhancing Productivity, Communication, and Workflow *(January 25, 2025)*

- Built a **collaborative team platform** to **streamline communication, task management, and document sharing** within organizations.
- Designed a **real-time messaging and task assignment system**, reducing communication gaps and improving team efficiency.
- Implemented a **centralized dashboard** for workflow tracking, leading to a **25% increase in team productivity**.

Education

Bachelor of Science in Computer Science
Adekunle Ajasin University, Akungba Akoko
Expected Graduation: February 2025

Certifications & Training

- B. SC Computer Science *(2025)*
- Fullstack Internship for siwes *(2024)*
- Legacy JavaScript Algorithms and Data Structures *(freeccodecamp, 2022)*
- Frontend web development (2022)
- Frontend, backend and mobile application internship (*hng13, in progress*)

Leadership & Activities

- **President, National Association of Computer Science Students (NACOS)** *(2023 – Present)*
- **Founder, AAUA Tech Community**
- **General Secretary**, AAUA Chess Club (2022 – 2024)
- **Vice President, NACOS** *(2022 – 2023)*
- **Choir Coordinator, Joint Faculty Fellowship** *(2023 – 2024)*
- **Active Member, Google Developer Student Club**

Projects & Contributions

- Developed and deployed over 40 projects showcasing expertise in React.js, Node.js, and full-stack development.
- Built various applications ranging from e-commerce platforms, real-time chat apps, dashboard systems, and API-driven applications.
- Open-source contributions and GitHub repositories demonstrating problem-solving and innovative solutions.
- Some Projects available publicly on GitHub others are private: [[My github repository](#)]

Soft Skills

- Problem-Solving & Critical Thinking
- Leadership & Team Collaboration
- Adaptability and continuous learning mindset
- Effective Communication & Stakeholder Engagement