

# Grace Adegunle

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## 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.

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## Technical SkillSet

- **Frontend:** React.js, Next.js, Redux, Tailwind CSS, TypeScript,, JavaScript, 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), Docker, CI/CD (GitHub Actions)
  - **Testing & Debugging:** Postman, Debugging Tools
  - **Security & Performance Optimization:** Authentication (OAuth, JWT), authorization, caching strategies, Load Balancing, Logging & Monitoring
  - **Programming Languages:** JavaScript, 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**.

## Freelance Project

### Photography Portfolio Website *(2024)*

- Developed a **custom portfolio website** for a professional photographer, enhancing their online presence and client engagement.
- Integrated an **image gallery with high-resolution previews**, allowing seamless browsing of photography work.
- Optimized the website for **SEO and performance**, increasing site traffic by **40%**.

## Internship – [Itskillscenter] (2024)

### E-commerce Website Development

- Collaborated with a team to develop a **fully functional e-commerce platform**, enabling the company to expand its online sales.
  - Designed a **user-friendly product catalog and shopping cart system**, improving customer experience.
  - Integrated **payment gateway solutions**, ensuring secure and smooth transactions.
  - Optimized website **performance and mobile responsiveness**, increasing customer engagement by **30%**.
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### Education

#### Bachelor of Science in Computer Science

Adekunle Ajasin University, Akungba Akoko

Graduation: February 2025

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### Certifications & Training

- B. SC Computer Science (2025)
  - Fullstack Internship for siwes @ Itskillscenter (2024)
  - Legacy JavaScript Algorithms and Data Structures (*freeccodecamp*, 2022) □
  - Frontend web development (2022)
  - Frontend, backend and mobile application *hng13*internship
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### 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**
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### 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 problemsolving and innovative solutions.
  - Some Projects available publicly on GitHub others are private: [[My github repository](#)]
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## **Soft Skills**

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