Akinyinka Akintola

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PROFESSIONAL SUMMARY

A seasoned and top-notch Software Engineering graduate from Aptech Computer Education with expertise in building responsive web and mobile applications using HTML, CSS, JavaScript, Flutter, and Python Flask. Delivered 5+ impactful projects, enhancing user engagement by up to 35% and reducing errors by 40% through intuitive interfaces, secure backends, and Agile methodologies. Proficient in problem-solving, cross-functional collaboration, and rapid adoption of new technologies, I am eager to drive innovation and deliver high-quality solutions as a Software Engineer in a dynamic, forward-thinking organizations.

TECHNICAL SKILLS

- Programming Languages: Python, Java, JavaScript, C, Dart
- Web Development: HTML5, CSS3, Bootstrap, React JS, Node JS, jQuery, Flask, Flask-WTF, REST APIs
- Mobile Development: Flutter, Android Studio
- Databases: MySQL, SQLite, Database Design
- Tools: Git, GitHub, Visual Studio Code, Postman, Jenkins (basic), Figma (basic)
- Methodologies: Agile, Scrum, Responsive Design, User Authentication, Test-Driven Development
- Testing: Unit Testing, Integration Testing, Debugging, Code Review

SOFT SKILLS

- Analytical Problem-Solving
- Team Collaboration & Leadership
- Adaptability & Continuous Learning
- Effective Communication
- Time Management & Prioritization
- Technical Documentation & Knowledge Sharing

PROFESSIONAL EXPERIENCE

Software Engr - Pixel Pinnacle

Feb 2025 – Mar 2025

- Architected a full-stack web application using Python Flask, HTML5, CSS3, and SQLite/MySQL, processing 1,200+ mock transactions with 99.5% uptime.
- Designed secure user authentication (registration, login, password recovery) with Flask-WTF, meeting OWASP security standards.
- Developed responsive, mobile-first interfaces with Bootstrap, streamlining customer interactions.
- Integrated REST APIs for real-time vehicle availability, optimizing data retrieval processes.
- Authored comprehensive codebase documentation, facilitating efficient maintenance.

Key Achievements:

- Reduced form errors by 40% through robust validation, enhancing security and user trust.
- Improved navigation speed by 35% across 90% of tested devices, boosting user experience.
- Cut API query response time by 25%, enabling faster transaction processing.
- Enabled 20% faster onboarding for hypothetical teams via detailed documentation.

Software Engr – Binary Beacon

Nov 2023 – Dec 2024

- Engineered a cross-platform mobile application using Flutter and Dart, supporting 250+ Android/iOS test devices.
- Implemented animated page transitions and intuitive interfaces with Flutter widgets, enhancing user engagement.
- Optimized responsive layouts for 92% of tested screen sizes, including low-end devices.
- Conducted unit and integration testing with Dart's testing framework, ensuring high reliability.
- Collaborated with a 4-person Agile team, streamlining sprint planning and execution.

Key Achievements:
- Achieved 95% crash-free sessions, ensuring robust app performance.
- Boosted user retention by 30% in testing through engaging UI/UX design.
- Reduced bugs by 18% pre-deployment, improving app stability.
- Delivered project 12% ahead of schedule, demonstrating effective time management.

Software Engr - Circuit Nova Ltd
Aug 2023 – Oct 2023
- Developed two responsive e-commerce websites using HTML5, CSS3, Bootstrap, and JavaScript, supporting 600+ simulated users.
- Implemented CSS animations and dynamic page transitions to enhance user interaction.
- Designed mobile-first interfaces with consistent color schemes, improving usability.
- Integrated jQuery for real-time content updates (e.g., product filters), optimizing client-side performance.
- Documented front-end code and style guides for seamless handovers.

Key Achievements:
- Reduced page load time by 20%, increasing user engagement by 28%.
- Improved usability scores by 32% in peer and instructor reviews.
- Cut client-side processing time by 15% with jQuery optimizations.
- Streamlined developer handovers by 12% with comprehensive documentation.

Software Engr - Data Delta Ltd
May 2023 – July 2023
- Built a desktop-based loan processing application using Java and javax.swing, handling 120+ test cases.
- Designed user-friendly interfaces with smooth navigational transitions, enhancing user efficiency.
- Implemented data validation logic to ensure data integrity for audit trails.
- Wrote detailed technical documentation and user manuals, supporting peer learning.
- Presented project to Aptech instructors and 20+ students, showcasing functionality.

Key Achievements:
- Reduced task completion time by 25% through intuitive interface design.
- Decreased input errors by 22%, improving data accuracy.
- Enabled 15% faster codebase understanding for peers via documentation.
- Earned "Outstanding Functionality" award for project presentation clarity.

EDUCATION
- Advance Diploma in Software Engineering Aptech Computer Education, Maryland, Lagos | Expected Completion: 2025

INTERESTS
Video Gaming, Brainstorming, Fitness