

Mohamed Ibrahim

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Dedicated and analytical Software Engineer with experience in application development, technical writing, and quality-focused testing. Driven by values of collaboration, integrity, continuous growth, and reliable solutions.

Professional Experience

Technology Development Intern

Dec 2024 - Present

Christiana Care, Wilmington, DE

- Researched and analyzed emerging technologies, identifying and documenting potential use cases for application development and strategic planning.
- Enhanced technical documentation for critical applications by integrating data tables and visual aids, improving clarity and user comprehension.
- Performed Web Content Accessibility Guidelines (WCAG) assessments on applications and websites, ensuring compliance with accessibility standards and improving user experience for diverse audiences.
- Streamlined workspace organization by optimizing wiring layout, ensuring efficiency, and maintaining a safe, organized environment.

Software Development TA

Sept 2024 - Dec 2024

Code Differently, Wilmington, DE

- Instructed over 100 interns on topics including version control (Git), Swagger, MongoDB, and critical thinking techniques.
- Facilitated daily stand-ups to identify challenges and enhance interns' problem-solving skills.
- Created weekly detailed reports for key stakeholders.
- Developed GitHub workflows to help assess code accuracy within completed projects and the skills competency of each intern.

Software Engineering Intern

May 2024 - Sept 2024

Sika Box, Remote

- Increased API documentation coverage from under 50% to over 80%, covering over 150 endpoints utilizing Swagger.
- Authored 30 approved and produced comprehensive answers to FAQs. ([link](#))
- Produced voiceover content for technical tasks, reducing training time from 1.5-2 hours to concise, re-watchable 1-2 minute videos.

Education and Certifications

- **Full Stack Java Development Certification**, Code Differently **Feb 2024 - June 2024**
- **Certified Scrum Master**, Scrum Alliance **Exp: 2026**
- **Certified C# Developer**, W3 Schools **Issued: Oct 2024**
- **Computing and Information Science**, Delaware Technical Community College **Incomplete**
 - **Completed Course Work:** CSC114 - Computer Science I, CSC164 - Computer Science II, CSC214 - Computer Science III, CIS130 - Computer Organization, CIS211 - Data Structures

Technical Skills

- Languages: Java, JavaScript, CSS, C#, React JS
- Technologies: Database management (SQLite, Postgres), version control (Git), Java Frameworks (Spring Boot, Swagger), Project Management tools (Jira, Confluence)
- Other: Data structures and algorithms, unit testing, object-oriented programming, crossfunctional-collaboration

Technical Projects

- **Git in VS Code** - Authored documentation that explains the usage of Git version control in VS Code in 13 steps with images for ease of use.
- **Adopt Differently** - Developed a React.js-based front end application for a project that helps people find cats available for adoption. ([web link](#))
- **Code Differently Repo** - An open-source repository that holds all the coursework completed during my time with code differently. I had opened over 10 pull requests, and over 8,000 lines were committed.