Hashim Aziz Muhammad

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Certified Full Stack Web Developer and Student Software Engineer

Aspiring Software Engineer currently enrolled at WeThinkCode_ with strong proficiency in Python, Java, and modern full-stack web development technologies. Demonstrated ability to deliver robust solutions in agile environments and contribute effectively to team-based projects. Excels at bridging the gap between software engineering and user experience design, with a passion for innovation in fintech, cybersecurity, and Web3.0 ecosystems.

EDUCATION & CERTIFICATIONS

WeThinkCode | National Diploma in Software Engineering (NQF Level 6)   2024 –Dec 2025
Software Engineering

- Core coursework included: Python programming, Java (OOP), Git/GitHub for version control, Distributed Systems (including socket programming and JSON message protocols), and Brownfields Development (refactoring and enhancing legacy codebases).

- Peer Mentor (Mar 2025 – Present): Selected based on performance and leadership to mentor fellow cohort Members and underclassmen. Conduct weekly mentoring sessions, review peer codebases, lead retrospectives, and contribute to agile delivery practices.

HyperionDev | Full Stack Web Development   2024
Full Stack Web Development

- Achieved a 99% average and ranked 1st out of 129 students.

- Developed complete CRUD applications using MERN stack (MongoDB, Express, React, Node.js).

- Mastered front-end development: HTML5, CSS3, JavaScript, React, Tailwind CSS, gained advanced knowledge in ES6+ features, asynchronous JavaScript, and component-based architecture in React.

ALX Africa | Back End Development   2024
Full Stack Web Development

- Technologies mastered: Python (data structures, OOP, file I/O), Django (MVC framework, URL routing, models/forms/views), MySQL (joins, indexing, stored procedures), MongoDB (NoSQL data modeling), API development using Django REST Framework.

- Completed capstone project integrating OMDb API and implementing secure JWT-based login and user roles.

- Learned unit testing, security best practices (CORS, input validation), and Postman for API testing.

Certifications

1. **Kubernetes and Cloud Native Essentials –** The Linux Foundation (2025)
2. **Full Stack Web Developer** – HyperionDev (2024)
3. **SE - Backend Web Development** – ALX Africa (2024)
4. **Data Science in Python** – DataCamp

TOOLS & TECHNOLOGIES

- **Programming Languages**: Python, Java, JavaScript, HTML5,CSS3, Bash
- **Frameworks**: React, Node.js, Express, Django, Spring Boot, Tailwind CSS, Bootstrap
- **Databases:** MongoDB, MySQL, SQLite
- **Tools & Platforms:** Git, GitHub, Netlify, Vercel, Firebase, Postman, REST APIs, JSON, JWT, Threading, WebSockets
- **Dev Environments:** VS Code, JetBrains, Linux/WSL2, Docker, Git CLI, Chrome DevTools, Google and Microsoft suites
- **Software Development LifeCycle:** Kubernetes, Agile Methodologies, Scrum, Pair Programming, Test-Driven Development

AWARDS & HONORS

- **Peer Mentor Recognition –** WeThinkCode_ (2025) Selected as a student mentor based on performance
- **Hackathon Awards**: ITWEB Security Summit overall best User Interface (NetGuardian)