Hashim Aziz Muhammad

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Certified Full Stack Web Developer and Student Software Engineer

Driven Software Engineering student at WeThinkCode_ with strong expertise in full-stack web development, proficient in Python, Java, JavaScript (React, Node.js), SQL (MySQL), and NoSQL (MongoDB), Postgres. I am a top-ranked graduate of HyperionDev's intensive bootcamp, experienced in building scalable, maintainable applications and RESTful APIs. Skilled in backend frameworks like Django and Express, with solid foundations and skills in database management, and continuous integration. Passionate about continuous learning and delivering impactful tech solutions that drive innovation and add real value to development teams.

EDUCATION & CERTIFICATIONS

WeThinkCode | National Diploma in Software Engineering (NQF Level 6) SAQA Qualification ID:119458   2024 -Dec 2025
Software Engineering

- Currently completing intensive training in software engineering with a strong focus on Java, including object-oriented programming, networking, and concurrency. Gaining hands-on experience in backend development using the Spring Framework, as well as full-stack web technologies and distributed systems. Applying agile methodologies to refactor and improve legacy codebases, incorporating Test-Driven-Development(TDD), CI/CD pipelines, design patterns, and SQL-based persistence. Building real-world applications featuring RESTful APIs, socket communication, and microservices architecture, while collaborating in cross-functional teams to deliver scalable, production-ready solutions.

- **Peer Mentor (Mar 2025 – Present):** Mentor junior cohorts through code reviews, retrospectives, and agile team support.

HyperionDev | Full Stack Web Development   2024
Full Stack Web Development

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

  Portfolio: **https://www.hyperiondev.com/portfolio/HA24010012783/**

- 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/TypeScript, HTML5,CSS3, Bash
- **Frameworks**: React.js, 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 (TDD), CI/CD

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)