

HAMZA MOHAMMED

SOFTWARE / AI
ENGINEER

CONTACT

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EDUCATION

B.S. Software Engineering

Eduvos
2023 - Present

Matric

Willowmoore High School
2022

TECHNICAL SKILLS

- Python
- Java
- C#
- JavaScript
- React Native
- HTML/CSS
- PHP
- SQL
- Git
- LangSmith
- AutoGen

SOFT SKILLS

- Problem Solving
- Collaboration
- Adaptability
- Critical Thinking
- Time Management
- Ownership
- Communication
- Attention to Detail

PROFESSIONAL SUMMARY

Motivated Software and AI Engineer with a strong foundation in full-stack development, mobile applications, and applied machine learning. Focused on building reliable, scalable systems that solve real-world problems. Fast learner with a collaborative mindset, committed to clean code, modern engineering practices, and continuously expanding technical depth.

CORE COMPETENCIES

- Full-Stack Development
- Mobile Architecture
- AI/ML Integration
- System Design
- API Development
- Database Design

PORTFOLIO & PROJECTS

Mobile Development

Developed Android applications using React Native and Java, implementing navigation, state management, and REST API integration. Focused on intuitive UI/UX, performance optimization, and clean architecture patterns to ensure maintainable, production-ready code.

Web Development

Created full-stack web applications with HTML, CSS, JavaScript, and PHP, building responsive interfaces and secure backend endpoints. Designed and queried relational databases, implemented authentication, and integrated external APIs for real-world use cases.

AI & Machine Learning

Explored AI engineering with Python, LangSmith, and AutoGen by building small-scale intelligent agents and automation workflows. Integrated AI capabilities into applications to enhance decision-making, improve user experience, and streamline repetitive tasks.

Software Architecture

Applied OOP principles using C# and Java to design modular services and class hierarchies. Practiced common design patterns, layered architectures, and thorough code reviews to produce readable, testable, and scalable solutions.

DevOps & Tooling

Used Git and GitHub for version control, code reviews, and collaboration on projects. Experimented with basic CI/CD concepts, automated builds, and environment configuration to better understand how modern software is delivered and maintained in production.

REFERENCES

Available upon request.

