

# Maaz Bin Asif

Full Stack Developer | AI Enabled Applications

Lahore, PK | [Email](#) | [Linkedin](#) | [Github](#) | [Website](#)

**Specializing in building high-performance, scalable web applications using Next.js, modern backend frameworks, and cloud-ready databases. Worked on projects ranging from responsive landing pages to complex full-stack systems that require secure authentication, API integrations, and AI-powered features.**

## AREAS OF EXPERTISE

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Python • C/C++ • JavaScript • TypeScript • Assembly (x86 / Inline ASM) • SQL  
React • Next.js • Tailwind CSS • TensorFlow • Keras • PyTorch • Scikit-learn • Pandas  
Agentic AI Workflows • Retrieval-Augmented Generation (RAG) • LLM Integration  
FastAPI • Flask • Server Actions  
MySQL • Oracle DB • MongoDB • Firebase Realtime DB • Firestore • Supabase

## PROJECTS

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**Personal Knowledge Graph Builder** - [Github Repo](#) | [Linkedin Post](#) | [Demo Video](#)

- Designed and developed a knowledge graph pipeline to transform local codebases into graph data
- Integrated Embedding Models to enable querying and contextual reasoning over code relationships
- Built an Q&A system leveraging embeddings / retrieval over graph-enhanced code context

**Event Booking App** - [Github Repo](#) | [Linkedin Post](#) | [Live Site](#)

- Developed a full-stack event booking platform with secure authentication and real-time updates
- Implemented scalable backend architecture using Next.js Server Actions and MongoDB
- Integrated authentication and user management via Clerk for secure booking workflows
- Designed end-to-end booking flows including event creation, registration, and data persistence
- Structured the application for production-ready deployment with maintainable and modular code

## Professional Experience

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### Full Stack Python Developer

Self-Employed | Remote

2025 – Present

## Education

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### Faculty of Computing & Information Technology

Bachelor of Science in Computer Science (BSCS)

2024 – 2028

### Crescent Model Higher Secondary School

Intermediate in Computer Science

2022 – 2024

A+