

# Ali Burhan

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## PROFESSIONAL SUMMARY

Full Stack Developer with expertise across modern JavaScript ecosystems (Next.js, React, Node.js, MERN stack) and Python, specializing in cloud-native architectures and AI-powered applications. Proven track record deploying scalable microservices with AWS, building LLM-based workflows with LangChain, and delivering enterprise-grade solutions serving 1000+ sites in 60+ countries.

## WORK EXPERIENCE

### Software Engineer

Oct 2024 – Present

#### Hashlogics

Lahore

#### [Lumaya](#)

Nov 2024 – Mar 2025

- Developed full-stack business selling platform (lumaya.ch) using Next.js and Python FastAPI, handling 50+ business listings worth \$10M+ total value
- Built responsive frontend with TypeScript and integrated Veriff KYC API for identity verification, processing 100+ verifications with 95% success rate
- Implemented real-time WebSocket chat enabling direct buyer-seller communication, with message history and file attachment support
- Deployed complete solution on AWS Lightsail, managing PostgreSQL database, SSL certificates, and production environment independently
- Delivered end-to-end solution solo in 4 months, from architecture through deployment

#### [Forwood Safety](#) (Workplace Safety Platform)

Mar 2025 – Present

- Contributing to microservices-based safety management platform deployed across 1000+ sites in 60+ countries, preventing workplace fatalities.
- Developed and maintained backend services in Python using serverless architecture (AWS Lambda, API Gateway, CloudFront, SQS, Kinesis).
- Implemented Infrastructure as Code with Terraform for automated deployments across dev, staging, and production environments.
- Serving as Release Manager, coordinating quarterly releases and hotfixes through Jira and Jenkins pipelines, ensuring zero-downtime deployments.
- Built AI-powered ATS resume screening tool using LangChain and LLMs for automated candidate evaluation and matching.

### Additional Projects:

- Developed Trivia Quiz Game and internal client tools using cloud-native development practices.
- Gained hands-on experience with cross-functional collaboration and modern DevOps workflows.

### Associate Software Engineer

May 2024 – Oct 2024

#### Techling

Sheikhupura

#### [CazVid](#) (AI-Driven Job Platform)

Nov 2024 – Mar 2025

- Developed AI-driven job board platform serving 150+ languages globally, building complex frontend components in Next.js with Zustand state management.
- Integrated 20+ RESTful APIs between Next.js frontend and NestJS/MongoDB backend, enabling real-time AI resume screening and candidate scoring.

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- Built Kanban-style recruiter dashboard with drag-and-drop functionality for managing job postings, applications, and AI-generated interview workflows.
- Optimized application performance by 40% through code splitting, lazy loading, and implementing mobile-first responsive design across device types.

FREELANCE PROJECTS

TeachTrack AI | Python, LangChain, OpenAI API, Next.js, RAG js

- Developed AI-powered educational platform for schools, automating test creation and grading for 500+ assessments monthly.
- Built intelligent test generator using GPT-4 and prompt engineering, creating customized assessments based on curriculum requirements and difficulty levels.
- Implemented automated grading system with AI-powered answer evaluation, reducing teacher workload by 70% and providing instant feedback to students.
- Integrated LangChain RAG framework for document processing, enabling curriculum-based question generation from 1,000+ pages of educational materials.

TECHNICAL SKILLS

**Frontend** | React, Next.js, Tailwind CSS, Vue.js (basic)  
**Backend** | Node.js (Express.js, NestJS), Python (FastAPI), RESTful APIs, GraphQL  
**Database** | MongoDB, PostgreSQL, SQL  
**Cloud & DevOps** | AWS (Lambda, API Gateway, S3, CloudFront, EC2, RDS, SQS, Kinesis, Lightsail, etc), Terraform (IaC), Docker, Jenkins, GitHub Actions, Serverless Framework  
**AI/ML** | LangChain, OpenAI API, Hugging Face, LLMs (Fine-tuning, Prompt Engineering, RAG), PyTorch  
**Developer Tools** | VS Code, Cursor, Windsurf, LazyGit, Git, JIRA, Postman  
**Languages** | JavaScript, TypeScript, Python, SQL, GraphQL, HCL, HTML/CSS

EDUCATION

|   |                                  |
|---|----------------------------------|
| <b>Masters of Computer Science</b><br>University of Engineering and Technology (UET)        | <b>2025 - 2027</b><br>Lahore     |
| <b>Bachelor of Computer Science</b><br>NFC institute of Engineering and Fertilizer research | <b>2020 - 2024</b><br>Faisalabad |