

MUNEEB ALI

+92-321-9697820 | muneeb00ali@gmail.com | muneebali.vercel.app | linkedin.com/in/muneeb00ali | github.com/muneeb00alii

SUMMARY

Full-stack engineer with close to 1 years of cumulative development experience building production-grade AI-integrated web platforms, microservices backends, and real-time systems. Currently working as an Associate Software Engineer at Coders Alley, building client-facing web applications and AI pipelines. Shipped end-to-end applications across Next.js, FastAPI, Django, Docker, and PostgreSQL from OAuth-secured auth systems to multimodal AI pipelines. Comfortable across the full stack: pixel-perfect frontends, RESTful and WebSocket backends, and ML model integration. Research on LLM evaluation submitted to ACL 2025.

EDUCATION

Forman Christian College and University

Bachelor of Science in Computer Science, Minor in Mathematics

Lahore, PK

2022 – 2026

EXPERIENCE

Associate Software Engineer

Coders Alley

May 2026 – Present

Lahore, PK

- Develop and maintain full-stack web applications for client projects, working across Next.js/React frontends and Python-based backends
- Design and build AI pipelines integrating LLM APIs, embeddings, and third-party data sources to power product features for client deliverables

Teaching Assistant — Database Systems

Dr. Sarwan Altaf Abbasi, FCCU

Jan 2025 – Present

Lahore, PK

- Supported 200+ students on SQL, relational design, and normalization; improved course materials and streamlined assignment workflows

Software Engineering Intern

Pak Elektron Limited (PEL)

May 2025 – July 2025

Lahore, PK

- Built and maintained internal web applications using ASP.NET, C#, and SQL Server in a large enterprise environment

PROJECTS

Oratoria AI | *Next.js, FastAPI, PostgreSQL, Docker, WebSockets, LLMs*

- Leading development of an AI-powered communication coach delivering real-time feedback for debate, interview, and presentation training
- Architected 3-service microservices backend with FastAPI, PostgreSQL, SQLAlchemy ORM, Alembic migrations, RESTful APIs, and WebSocket protocol for low-latency bidirectional communication
- Integrated multimodal AI pipeline (Whisper STT, Wav2Vec2 emotion detection, MediaPipe gesture analysis, GPT-5/Mistral) and built Next.js 15 frontend with OAuth 2.0 (Google, GitHub, Facebook) and glassmorphism UI

Job Board | *Next.js, FastAPI, OpenAI, Vector Embeddings, SERP API*

- Built a full-stack job board platform with dedicated candidate, recruiter, and admin portals using Next.js and FastAPI
- Developed an AI-powered resume builder and resume-scoring engine using OpenAI and vector text embeddings to evaluate and rank candidate profiles
- Implemented semantic job-matching via vector embeddings and integrated SERP API for automated job and company data aggregation

LLM Fine-Tuning for Debate Evaluation | *Python, PyTorch, Transformers, Hugging Face*

- Fine-tuned 12 open-source LLMs (Llama 3, Qwen 2.5, OpenHermes 2.5, WizardLM) achieving human-aligned debate scoring across content, structure, argumentation, and delivery
- Developed iterative prompt optimization strategy reducing scoring deviation by 40%+ across 3–5 iterations
- Built data pipeline processing 500+ hours of debate audio; benchmarked model robustness across prompt variations

RESEARCH

“Can Lightweight LLMs Judge Debate?”

2025

Submitted — ACL Student Research Workshop 2025

- Investigated whether sub-8B open-source LLMs can reliably evaluate debate quality; developed iterative prompt optimization achieving human-aligned scoring without GPT-scale models

ACHIEVEMENTS

Semi-Finalist — Allied Bank 4th FinTech Hackathon

2025

- Competed nationally; advanced to semi-finals with a voice-enabled AI banking solution targeting non-smartphone users, including AI-driven savings optimization and personalized marketing features

TECHNICAL SKILLS

Languages: Python, JavaScript, TypeScript, C#, SQL

Frontend: React, Next.js, TailwindCSS, shadcn/ui, Framer Motion, HTML/CSS

Backend: FastAPI, Django, ASP.NET, Node.js, Express.js, REST APIs, WebSockets, OAuth 2.0

Databases & Infra: PostgreSQL, SQL Server, SQLAlchemy ORM, Alembic, Docker, Azure

AI/ML: PyTorch, Transformers, Hugging Face, OpenAI API, Whisper, Wav2Vec2, MediaPipe, OpenCV, scikit-learn, Vector Embeddings, Pandas, NumPy

Tools & APIs: Git, GitHub, Linux, Jupyter, Colab, Agile, SERP API, Chrome Extension API