Daniyal Faraz

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Education

FAST National University Of Computing And Emerging Sciences — **Islamabad, Pakistan**
B.S. in Computer Science, summa cum laude, (CGPA 3.91/4.0) — *August 2022 – August 2026*

Experience

Scipace LLC — **Islamabad, Pakistan**
MLOps, DevOps & Cloud Infrastructure Engineer — *June 2026 – Present*

- Designed AWS architecture for an AI-driven ed-tech slide generation platform
- Powered locally-hosted talking-head video generation and Edge TTS speech synthesis
- Set up backend API on ECS/Fargate with auto-scaling and ELastic Load Balancer
- Ran GPU inference workers on Auto Scaling Groups of spot instances
- Routed inference jobs from the Fargate API to the spot GPU fleet via SQS
- Utilized multi-stage Docker builds to slim API and GPU-inference images

Behope Inc — **Islamabad, Pakistan**
Backend Infrastructure & Cloud Engineer — *March 2026 – Present*

- Architected and built full-stack AI support platform automating 89% of customer queries
- Designed GCP backend with Cloud Build, VM instances, Cloud SQL, Object Storage and Secrets Manager enabling auto scaling for maximum availability
- Utilized NEST JS, NEXT JS, Prisma, Shadcn UI and PostgreSQL to build robust backend and frontend

FAST National University of Computing and Emerging Sciences — **Islamabad, Pakistan**
Senior Software Developer & Research Assistant — *Feb 2025 – Feb 2026*

- Researched scalable, transparent architectures for regulated data management
- Designed and implemented smart-contract-backed APIs ensuring data integrity, auditability, and role-based access control across distributed nodes

Contour Software — **Islamabad, Pakistan**
Software Developer & DevOps Intern — *June 2024 – August 2024*

- Implemented CI/CD pipelines using AWS CodePipeline, CodeBuild and CodeDeploy, GitHub Actions, and AWS S3 on AWS EC2 and Fargate for automated deployment

Projects

PropertyPal

- PropertyPal is a mobile-first property management platform that pairs an Expo/React Native app with a Hono/Bun REST API and PostgreSQL backend, covering landlord–tenant workflows (properties, rent, maintenance, documents, messaging) with AWS infrastructure

Skills

Languages: C#, HTML/CSS, LaTeX, Python, SQL, Java, JavaScript, Node JS, React JS, MATLAB, C++, C, React Native, NEXT JS, NEST JS, Vue JS
Software & Tools: IntelliJ, PyCharm, VS Code, AWS, GCP, Jupyter Notebooks, Git, Bootstrap, Spring Boot, Agile, Microsoft Azure, Pandas, MongoDB, PostgreSQL, Prisma, Docker, Shopify, REST APIs, CI/CD, Firebase, Nginx, SQS