

# MOHAMMED ABDUL NUMAN

## Full Stack & Cloud Engineer | AI & Data Systems

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## SUMMARY

Full-stack and cloud engineer specializing in React.js, FastAPI, GCP, and distributed observability. Experience building scalable multi-tenant systems, AI-integrated workflows, and secure backend architectures.

## EXPERIENCE

### Software Developer

#### NeuralLabs

Feb 2024 - Present

California, US (Remote)

- Built and optimized a secure multi-tenant enterprise platform with authentication, RBAC, and audit logging using **React.js**, **FastAPI**, **Firestore**, and **MongoDB**.
- Designed and automated deployments on **Google Cloud Platform** (Compute Engine, GCS, SSL) using **Nginx**, **Gunicorn**, and **Uvicorn**, improving deployment workflow and reliability.
- Integrated **OpenTelemetry** with **Grafana** to enable distributed tracing and real-time observability, reducing debugging and incident resolution time by ~60%.
- Collaborated with cross-functional teams to integrate **OpenAI** and **Claude APIs** into production pipelines to enable intelligent assistants and automate system queries.
- Improved authentication performance by ~40% using **Redis (GCP Memorystore)** for token caching and session acceleration.
- Built ETL pipelines and Looker dashboards with **BigQuery**, enabling platform insights and analytics reporting.
- Designed scalable database schemas across **Firestore**, **MongoDB**, and **SQL**, improving query performance and security in multi-tenant environments.

### Data Analyst Intern

#### DataBeat

Jun 2024 - Aug 2024

Hyderabad, India

- Designed and optimized **SQL/BigQuery** queries to clean and analyze large datasets.
- Built interactive dashboards in **Looker Studio** to support real-time reporting and business tracking.
- Automated recurring reporting workflows using **Python** and **Apps Script**, reducing manual work by ~70%.
- Received a full-time offer based on strong performance.

## SKILLS

- Programming:** Python, JavaScript (ES6+), SQL
- Frameworks & Tools:** React.js, FastAPI, Flask, Material UI
- Databases:** Firestore, MongoDB, MySQL, BigQuery
- AWS Cloud:** EC2, S3, VPC, IAM, Route 53, Security Groups
- GCP & DevOps:** Compute Engine, GCS, Memorystore, Docker, Nginx, Supervisor, Certbot, SSL/TLS
- Observability:** OpenTelemetry, Grafana, Distributed Tracing
- Data & BI:** ETL Pipelines, Looker Studio Dashboards
- AI & Integrations:** OpenAI API, Claude AI, AI Chatbots, Prompt Engineering
- Core Expertise:** Multi-Tenant Architecture, RBAC, Secure Cloud Deployment, Redis Caching, API Development

## PROJECTS

### Cloud-Based Scalable E-Commerce Platform

Jun 2023 - Aug 2023

- Built using React.js (MUI) and FastAPI with hybrid **MySQL + MongoDB** storage.

### Real-Time Collaborative Code Editor

Jan 2024 - Feb 2024

- Built using React.js, WebSockets, FastAPI, Redis, and MongoDB with indexing optimization.

## EDUCATION

### Bachelor of Engineering in IT

#### Osmania University

2020 - 2024

CGPA: 8.88

### Intermediate

#### TSBIE

2018 - 2020

97.8%

## LANGUAGES

English

Hindi

Telugu

