

# Muhammad Omer Qasim

Software Engineer

linkedin.com/in/muhammad-omer-qasim-03a218242

omerqasim2011@gmail.com / +923335665504

With almost three years of hands-on experience in the realm of software engineering, I bring a passion for software development and a hunger for innovation. Designing scalable and optimized system architectures. Expertise in translating business needs into technical solutions across healthcare, social media, education, and fintech sectors.

## Experiences

### Instacured

InstaCured is for patients who need treatment options, advice, and personalized care from doctors.

#### Software & DevOps Engineer

AUGUST 2025 - PRESENT, REMOTE - USA

- Managed software development & infrastructure maintenance for **Instacured**, a telehealth platform having a microservices architecture. Currently supporting **~14000** users and generating **~\$900,000** revenue annually.
- Managed **EKS** infrastructure updates & **Helm** deployments along with database migrations with no downtime.
- Implemented **New Relic** monitoring & resolved impactful dev issues across payments, auth, and **redis** jobs.

### Eurus Technologies

An organization having a passion for transforming businesses through innovative technological solutions.

#### Full Stack Engineer

JANUARY - JULY 2025, ISLAMABAD - PAKISTAN

- As a full-stack engineer, I worked on **ScaleOps**, a cloud infrastructure governance platform, as part of a 20-member cross-functional team. Contributing across React (MUI) and Python (Django Microservices).
- Mentored interns on backend technologies, coding norms, & conducted code reviews fostering collaboration.
- Designed Stripe flows; auto-revert payment failures, a "pay-as-you-go" billing & custom packages.
- Developed a cross-platform CLI tool (gzipped) powered by **Terraform** for provisioning cloud resources.
- Architected OAuth/PAT flows and implemented deep integrations for **Slack, GitHub, Jira**.

### Centrox AI

A tech company building modern sleek and high quality applications by transforming their idea to product.

#### Software Engineer

JULY 2023 - JANUARY 2025, ISLAMABAD - PAKISTAN

- Spearheaded development of **Rentuhbin**, a dumpster ordering app similar to "**Uber for dumpsters**". Integrated 3rd-party SDKs; **Stripe, Matrix, FCM & Firebase**. Designed features like discounts, referrals & **location tracking**..
- Directed backend development for **Ideal Developer**, a real estate management portal. Reduced PDF generation latency by **8-10 seconds** for efficient rendering. Designed multilevel RBAC with payment adjustment
- Worked as system engineer on **Thriving Minds**, a speech AI assistant with history maintenance, enabling seamless interaction & user engagement. Developed a **88/12** subscription strategy to cover operational costs.
- Successfully accomplished the testing domain by utilizing various automation tools; **Selenium and JMeter**.

### Sarmaaya Financial

Platform for financial research and portfolio tracking focused on tradable assets like Pakistan Stock Exchange stocks.

#### Associate Software Engineer

JUNE 2022 - JANUARY 2023, ISLAMABAD - PAKISTAN

- Integrated data visualization techniques into **Sarmaaya.pk** to display real-time stock, cryptocurrency, forex, and commodities data, benefiting **1.2 million** monthly visitors as of July 2024.
- Architected + deployed 2 Solutions for copying trades from **Binance / MT4** to signal on **telegram and discord**.
- Led a cross functional team of **3** developers in executing a **company-sponsored** copy trading platform.

## Education

### National University of Science and Technology (NUST)

2019 - 2023, ISLAMABAD - PAKISTAN

BE Software Engineering (Academic Distinction)

CGPA: 3.57

### Skills

#### • Execution/Craft: -

Languages: Javascript, Typescript, Php, Python

Frameworks: Nest.js, Node.js, Express.js

• Version control: Git, GitHub, GitLab

• DevOps: Kubernetes, Docker, AWS, Digital Ocean, S3, Droplets, Terraform, New Relic, Prometheus, Grafana, Loki

Caching: Redis

Payments: Stripe

Collaboration: Slack, Jira, Trello, Google suite

Testing: Selenium, Jmeter

Databases: MongoDB, SQL, PostgreSQL

## Achievements

- Awarded the **Top / Star Performer** at Centrox AI within the first professional year post-graduation.
- Won **Merit Award** for the best project in COMPPEC (National Event) out of **123 projects** in Software Category.
- Secured the 2nd Best Industrial Project for Final Year Project in Open House 23, NUST.