

Fezan Muhammad Ali

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Detail-oriented and solution-focused **Software Engineer** with hands-on experience in designing, developing, and deploying scalable applications and infrastructure. Proficient in building robust backend systems using both .NET and Node JS technologies with streamlining CI/CD pipelines to enhance deployment efficiency and system reliability. Adept at working in fast-paced environments, collaborating across teams, and aligning technology solutions with business goals. Known for strong problem-solving skills, a proactive mindset, and a commitment to continuous learning and improvement.

Experience

MAR 2025– PRESENT

Technical Developer | CWare Technologies | Islamabad, Pakistan

As a Technical Developer at CWare Technologies, I have been responsible for designing, developing, and maintaining scalable backend services using Node.js. My role involves working with PostgreSQL for data modeling and optimization, ensuring high performance and reliability. I have deployed multiple frontend and backend services on AWS LightSail, utilizing Nginx for reverse proxy and load balancing configurations. I led efforts to set up CI/CD pipelines to automate deployment workflows. My work includes active collaboration with cross-functional teams to resolve production issues, contribute to infrastructure planning that balances performance with cost-efficiency on AWS.

Projects

PadelDuo – Padel Tournament Management System (<https://padel-duo.com>)

- Developed and maintained backend services using Node.JS and React.JS
- Deployed the full-stack application on AWS environment utilizing different services like LightSail, RDS, S3, CloudWatch, SNS, SES.
- Utilized FCM for push notifications
- Utilized the Socket.io for real time communication

Qasim Ali Shah Foundation Website – (<https://qasimalishahfoundation.org>)

- Developed & Maintained Backend Services using Node JS.
- Deployed microservices architecture on AWS LightSail using database, object storage service
- Proposed the cost-effective deployment architecture on AWS and saved costs

Cricketify – Cricket Tournament Management Platform (<http://cwt-cricketify.netlify.app>)

- Have developed the full stack project
- Proposed and implemented a cost-efficient architecture, significantly reducing AWS resource usage and operational costs
- Followed DevOps best practices by implementing CI/CD workflows and setting up automated deployments
- Utilized the Socket.IO for real-time updates

Skills

ASP .NET • Node JS & React JS • Database Management (SQL Server, Postgres) • Cloud Native Technologies (Docker, K8S, Terraform) • CI/CD Pipelines • Argo CD • Cloud Providers (AWS, Azure) • Cloud Agnostic Development • GitHub Actions

Education

JUNE 2025

Bachelor of Science in Information Technology | University of Education, Lahore

3.25 GPA

SEP 2021

Intermediate in FSC Engineering | Govt. Associate degree College, Muridke

1032/1100

Achievements

- **AWS Certified Cloud Practitioner** – Validated foundational knowledge of AWS services, architecture, and cloud best practices. [[Verify](#)]

Social Links

- Github (github.com/FezanMuhammadAli)
- Twitter ([x.com/engcountio](https://twitter.com/engcountio))
- LinkedIn (<https://www.linkedin.com/in/fezan-muhammad-ali/>)