

Muhammad Akram Full Stack Engineer

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Summary

Software Engineer with 3 years of experience building and maintaining full-stack applications using the MERN stack. Skilled in designing RESTful APIs, creating responsive frontends, and deploying scalable applications. Experienced in setting up CI/CD pipelines, managing Docker containers, and deploying services on cloud platforms.

Skills

Frontend: (React.js, Redux, Next.js, HTML5, CSS3, Tailwind CSS, Bootstrap)

Backend: (Node.js, Express.js, REST APIs, JWT, WebSockets)

Database: (MySql, Supabase, firebase, MongoDB, Mongoose, PostgreSQL)

DevOps & Cloud: (Docker, AWS (EC2, S3, RDS, CloudWatch), Render, Netlify, Vercel, Heroku, GitHub Actions, Jenkins, PM2, Terraform (basic))

Version Control & Tools: (Git, GitHub, Postman, Nginx, Linux CLI)

Others: (Agile (Scrum), API Integration, CI/CD, System Monitoring)

Professional Experience

Full Stack Engineer, Beelogix

2024 Aug – Present

Lahore

- Developed and maintained 10+ full-stack applications for e-commerce, healthcare, and SaaS clients using the MERN stack.
- Built reusable React components and improved frontend performance by 27% through code splitting and lazy loading.
- Implemented RESTful APIs with Express and Node, ensuring data integrity and secure authentication using JWT and OAuth.
- Integrated third-party tools like Stripe, Twilio, and SendGrid.
- Deployed applications on AWS and Heroku with CI/CD pipelines using GitHub Actions.
- Worked with MongoDB Aggregation Framework for building advanced reports and filters.

MERN Stack Developer, AbizSol

2023 Sep – 2024 Aug

- Contributed to the development and maintenance of a modular **ERP system** based on **microservices architecture**, resulting in improved performance, easier scalability, and streamlined feature deployment.
- Helped build a **Learning Management System (LMS)** and a **Content Management System (CMS)** by improving frontend usability, API integrations, and admin panel features.
- Worked on a **banking application**, delivering secure user authentication, transaction modules, and API integrations with third-party financial services.
- Developed features for an **organizational productivity app**, including real-time collaboration, task tracking, and user role management.

- Built and maintained core modules of an **e-commerce platform** using the MERN stack, including product management, checkout process, and order tracking

Projects

Urqa, ERP & Learning Platforms ↗

URQA offers a modular ERP solution designed for performance and scalability, along with a robust LMS and CMS platform to manage learning content, users, and administrative workflows efficiently.

MyRep ↗

MyRep is a scheduling and relationship management platform for medical practices and reps. It simplifies appointment booking, compliance tracking, and communication, helping practices stay organized and reps manage visits more effectively.

Grantrack – Millennium Strategies ↗

Grantrack is a web-based grant management platform that helps organizations track grant applications, awards, and compliance. It supports the full grant lifecycle—from discovery to reporting—through an intuitive admin panel.

Education

Bachelor's in Computer Science, GC University, Lahore

2018 – 2022