

# Muhammad Akram

## Full Stack Engineer

✉ makram6925@gmail.com    ☎ +923441349303    📍 Lahore

🌐 [linkedin.com/in/muhammad-akram-4639a61b1](https://www.linkedin.com/in/muhammad-akram-4639a61b1)

### Summary

---

Software Engineer with 4 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.

### Professional Experience

---

**Full Stack Engineer, Beelogix** 08/2024 – 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** 09/2023 – 08/2024

- 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.

### Education

---

**Bachelor's in Computer Science, GC University, Lahore** 2018 – 2022

## Skills

---

### Frontend

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

### Database

(MySQL, Supabase, firebase, MongoDB, Mongoose, PostgreSQL)

### AI & LLM Integration

(OpenAI API, RAG, Semantic Search, Embeddings, LangChain, Vector DBs (Pinecone, ChromaDB), Prompt Engineering)

### Others

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

### Backend

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

### DevOps & Cloud

(Docker, AWS (EC2, S3, RDS, CloudWatch), Render, Netlify, Vercel, Heroku, GitHub Actions)

### Version Control & Tools

(Git, GitHub, Postman, ClickUp, Jira)

## 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.*