# Amir Zeb

## Full-Stack MERN Developer

amirzeb695@gmail.com | +92 342 5557314
amirzeb.dev | linkedin.com/in/amir-zeb | github.com/amir-zeb
Karachi, Pakistan

## Profile

Full-stack developer with 5 years of experience in ERP and SaaS e-commerce, working mainly with React, Next.js, Nest.js, TypeScript, and PostgreSQL. Built 100+ REST APIs and the auth, RBAC, and reporting modules of a multi-module ERP system, and mentored junior developers along the way. Currently building open-source projects with Docker, Kubernetes, FastAPI, and local LLMs.

## Skills

**Languages:** JavaScript, TypeScript, HTML5, CSS3, Python

**Frontend:** React.js, Next.js, Redux Toolkit, Redux Saga, Tailwind CSS, MUI, Chakra UI, Ant Design, Bootstrap, SCSS, PostCSS

**Backend & APIs:** Node.js, Express.js, Nest.js, FastAPI — REST API design, authentication (JWT), role-based access control (RBAC), cron job scheduling, API documentation with Swagger

**Databases:** MongoDB, MySQL, PostgreSQL — schema design and query optimization

**Maintenance & Integration:** Refactoring and optimizing existing codebases, revamping legacy features, integrating new functionality and third-party APIs into production modules

**Payments & Integrations:** Stripe, Clover

**Tools & Platforms:** Git, GitHub, Postman, Firebase, Copilot, Jira, Trello, Asana, WordPress

**Design:** Adobe Photoshop, Adobe Illustrator, Canva, Figma/XD (to code conversion)

**DevOps & Containerization:** Docker, Kubernetes

## Experience

**Independent Software Engineer | Open Source & Upskilling**
Remote | Jan 2026 – Present

- Built AI English Mentor, a Next.js/TypeScript app with a local LLM (Ollama), speech-to-text/text-to speech, and a fluency-tracking dashboard (github.com/amir-zeb/ai-english-mentor).
- Wrote a Docker & Kubernetes guide for Next.js developers, covering Docker Compose, an Nginx reverse proxy, and load balancing (github.com/amir-zeb/docker-and-kubernetes-with-nextjs).

- Built an AI job assistant for developers using rule-based filtering plus Gemini. github.com/amir-zeb/ai-job-assistant
- Built a FastAPI practice project with JWT auth, RBAC, and pytest/mypy testing (github.com/amir-zeb/fastapi-playground).
- Built a work-hours tracker on Firebase for my team at Fascom (github.com/amir-zeb/hours-management-system).

**Software Engineer | Fascom**

Onsite | Karachi, Pakistan | Aug 2024 – Dec 2025

- Developed and maintained a multi-module ERP system, owning 5+ core modules including Authentication, RBAC, Cron Jobs, and reporting dashboards.
- Designed and built 100+ RESTful APIs connecting ERP services and third-party integrations.
- Troubleshot integration and performance issues in production to keep the system stable.
- Reviewed code, paired with, and mentored 4 junior developers, and ran best-practice workshops.

**Full Stack Developer | Kdyslab**

Onsite | Karachi, Pakistan | May 2024 – Jul 2024

- Built and maintained full stack web applications using MongoDB, MySQL, React.js, Next.js, Express.js, Nest.js, and Node.js.
- Designed scalable APIs and optimized database structures.
- Guided 5+ junior developers on coding standards and project structure, ensuring on-time delivery within a project-based engagement.

**MERN Stack Developer | ITVerticals**

Onsite | Karachi, Pakistan | Jul 2023 – Feb 2024

- Developed features for a SaaS e-commerce platform across the MERN stack.
- Maintained and optimized MongoDB schemas and queries.
- Reviewed code and led refactoring across sprints to reduce recurring bugs.
- Mentored 5 junior developers through code reviews and one-on-one guidance.
- Took part in agile sprints and Scrum ceremonies.

**MERN Stack / Mobile App Developer | Invention and Innovation**

Hybrid | Karachi, Pakistan | Feb 2022 – Jul 2023

- Worked across multiple frameworks and platforms including React.js, React Native, Vue.js, Next.js, Node.js, Express.js, MongoDB, and WordPress.
- Delivered full-stack web and mobile applications from development to deployment.
- Collaborated closely with cross-functional teams to ensure seamless project delivery.
- Guided junior developers on code architecture and project structure, supporting their onboarding and growth.

**Web Developer | DiscoverItech**

Onsite | Karachi, Pakistan | Jul 2021 – Jan 2022

- Converted Adobe XD and Figma designs into pixel-perfect, responsive websites using React.js, WordPress, HTML, CSS, JavaScript, Bootstrap, and jQuery.
- Ensured cross-browser compatibility and optimal performance on all devices.

**Web Developer | UMW Media**

Onsite | Karachi, Pakistan | *Apr 2021 – Jun 2021*

- Worked on a content management system. Converted Figma/XD designs into pixel-perfect websites using WordPress.

## Projects

**ERP** | Fascom | Aug 2024 – Dec 2025

- Built the authentication and role-based access control layer that controls which users can reach each module and action.
- Built scheduled cron jobs for sales orders and product data migrations.
- Built custom APIs for module integration and third-party connectivity.
- Implemented role-based access control and interactive reporting dashboards.
- Optimized system performance and ensured data consistency across services.

**CommercePad** | ITVerticals | Jul 2023 – Feb 2024

- Built a discount engine supporting 3 discount types: user classification, industry affiliation, and coupon codes.
- Reworked cart functionality and integrated the coupon system into it.
- Created dynamic content templates for localized pages.
- Refactored the MongoDB schema.

## Education

**Bachelor of Computer Science**

**Iqra University – Main Campus** | Karachi, Pakistan | *2021*

## Spoken Languages

- **Urdu:** Fluent
- **English:** Professional working proficiency