Ahsan Hafeez

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About

Full Stack Software Engineer with 4.7+ years of experience building scalable web and mobile applications using React.js, Next.js, React Native, Node.js, and TypeScript. Experienced in system design, microservices, monorepo architecture, AWS, and AI-powered applications, focusing on performance and maintainability.

Experience

Ikonic Aug 2025 - Present
Full Stack Developer *Islamabad, Pakistan*

- Led the design and development of scalable full-stack applications using React.js, Next.js, Node.js, and MongoDB, optimizing APIs to improve response times by 40% and reduce server costs by 15%.
- Implemented CI/CD pipelines using GitHub Actions and Docker to streamline deployments.
- Mentored junior developers, enforced coding best practices, and improved team productivity by 20%.

Joyn Group Dec 2022 - Aug 2025
Full Stack Developer *Islamabad, Pakistan*

- Architected and optimized microservices with React.js, Next.js (SSR), Node.js, and Express.js, reducing page load time by 25% and improving SEO.
- Integrated advanced features such as Google Maps, payment gateways, and real-time chatbots, enhancing app usability and user engagement.

Appic Solutions Mar 2022 - Nov 2022
Full Stack Developer *Islamabad, Pakistan*

- Built full-stack features with REST APIs, MongoDB, and Mongoose for efficient data modeling.
- Leveraged Kafka for real-time streaming and AWS (EC2, S3, Lambda) to improve scalability and reduce costs.

Technical Skills

Languages & Frontend: JavaScript, TypeScript, Python, React.js, Next.js, React Native, Redux Toolkit, RTK Query, Zustand, Tailwind CSS, HTML5, CSS3

Backend & Databases: Node.js, Express.js, NestJS, REST APIs, GraphQL, Prisma, MongoDB, PostgreSQL, MySQL, Redis, Firebase, Supabase

Cloud & DevOps: AWS (EC2, S3, Lambda, SES), Docker, Kubernetes, Git, CI/CD, App / Play Store Deployment

AI & Architecture: Claude Code, Codex, Cursor AI, Generative AI, Agentic AI Systems, Prompt Engineering, MERN, System Design, Microservices and Monorepo Architecture, Kafka, RabbitMQ, Database Design, API Design, Agile (Jira)

Projects

N3xus FieldOS – AI-powered SaaS platform | *Technologies: React.js, React Native, Node.js, PostgreSQL, Monorepo, Ai, AWS(EC2,S3)*

- Developed an AI-powered HVAC platform for managing customers, jobs, quotes, and payments. Integrated OpenAI, Stripe, and voice transcription features across web and React Native apps.

Keystone – SaaS Trucking Management System | *Technologies: React.js, Laravel, Chart.js, Pusher, Trimble API, PC Miler*

- Developed a responsive and accessible UI with React and Tailwind CSS, improving cross-device usability and reducing cross-browser issues.
- Optimized API integrations with React Query, achieving faster data fetching and enhancing real-time performance.
- Built dynamic dashboards and IFTA tax reports, integrating mapping and route optimization (Tremble API, PC Miler) to improve delivery efficiency.

Lucky Cement – Enterprise ERP application | *Technologies: React.js, React Native, MongoDB, Node.js, Nest.js, AWS (EC2, S3)*

- Developed an enterprise ERP application using React.js, React Native, Node.js, and NestJS to centralize business operations and data management.
- Built scalable APIs and integrated AWS services (EC2, S3) to support efficient data handling, improve accessibility, and streamline internal workflows.

Education

Arid Agriculture University – BS Computer Science Rawalpindi, Pakistan — 2018-2022