

Hamza Rafique

Senior Software Engineer | Full Stack Developer

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[Linkedin](#) [GitHub](#) [Portfolio](#)

Professional Summary

Results-driven **Software Engineer** with **8+ years of hands-on experience** in designing, developing, and deploying scalable web and enterprise applications. Skilled in **React.js, Next.js, Angular, Node.js, and cloud solutions (AWS, Azure)**. Experienced in leading teams, building design systems, and delivering high-quality solutions for **government, telecom, fintech, and e-commerce sectors** across GCC, Canada, and Pakistan.

Key Skills & EXPERTISE

- **Frontend:** React.js, Next.js, Angular, Vue.js, Redux, Redux Toolkit, MobX, Storybook, Tailwind, Material UI, Chakra UI, Styled Components
- **Backend & APIs:** Node.js, Express.js, GraphQL, REST, Kafka, Microservices, Serverless
- **Databases:** PostgreSQL, MongoDB, RDS
- **Cloud & DevOps:** AWS (Lambda, EC2, SQS, SNS, RDS, Cognito, CodePipeline), Azure DevOps, CI/CD
- **UI/UX & Tools:** Figma, Adobe XD, Design Systems, Accessibility (WCAG / W3C AAA)
- **Others:** Java & Spring Boot, Blockchain (Web3.js, Ether.js), GTFS Data, Leaflet.js, OpenLayers, Jest/Jasmine, Agile/Scrum



EXPERIENCE



Senior Software Engineer

Information & eGovernment Authority – Bahrain | Apr 2024 – Present

- Building secure, **scalable government applications** using React.js, Next.js, Angular, Node.js, GraphQL, Kafka, and PostgreSQL.
- Implemented **cryptography and security best practices** to safeguard public data.
- Collaborated with cross-functional teams to deliver user-friendly and efficient e-services.

Senior Software Engineer

Rapidev – NUST Islamabad, Pakistan | Mar 2022 – Apr 2024

- Led a team of developers on **frontend and UI solutions** with React.js, Next.js, and mapping libraries.
- Partnered with GIS and backend teams to integrate **geospatial technologies** into applications.
- Designed **scalable, component-driven architectures** and mentored junior developers.

Software Engineer

mobileLIVE – Canada | Feb 2020 – Mar 2022

- **Telecom & Banking Projects:** Delivered web apps for **Freedom Mobile, TELUS, CIBC** using React, GraphQL, and Node.js.
- Developed **financial applications** ensuring compliance with strict **security and privacy standards**.
- Created **Friday Design System:** Reusable, accessible components for React & Angular across multiple brands.
- Streamlined CI/CD pipelines on **Azure DevOps**, reducing deployment time by 40%.

Frontend Developer

Encoder Solution – Remote (US Client) | Jan 2018 – Feb 2020

- Developed **sales management platform UI** in React.js with AWS Lambda functions and microservices.
- Built 10+ reusable components, optimized API calls (30% reduction), and enhanced application performance.
- Implemented **Twilio microservice** for SMS and secured authentication/authorization flows

EDUCATION



- **M.Sc. Computer Science** | University of Gujrat, Pakistan | 2017 – 2019
- **B.Sc. Computer Science** | Govt. Jinnah Islamia College | 2015 – 2017