

Sohail Shiraj

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Skills

Frontend: React.js, Next.js, TypeScript, Redux, Angular, JavaScript, React Native, accessibility (WCAG)

Backend & APIs: Node.js, Python, Express.js, Flask, REST APIs, GraphQL, OpenAPI specifications, microservices, OAuth, SSO

Cloud & DevOps: AWS, GCP, Docker, CI/CD pipelines (GitHub Actions), monitoring (Sentry), AI-assisted dev tools (Cursor, Claude), LLM API Integration (OpenAI)

Integrations & Tools: Klaviyo, Constructor.io, Contentful, Builder.io, PostgreSQL, MongoDB, MySQL, Git, Jest, Cypress, Figma

Work Experience

Full Stack Software Engineer

Apr 2023 - Present

Book Depot Inc. - St. Catharines, Canada

- Increased customer acquisition and engagement by 20% by developing accessible, mobile-first Next.js features for a high-traffic eCommerce platform (BookOutlet) serving 30-40K daily visitors.
- Implemented Contentful as the primary headless CMS, migrating from Builder.io, developing content models and matching React components, reducing content update time by 50%.
- Implemented and maintained OAuth and SSO-based authentication flows for secure user sign-in and account access.
- Documented and maintained REST and GraphQL APIs using OpenAPI specifications, applying secure coding practices throughout design and delivery.
- Drove a 10-15% increase in online sales through targeted A/B testing and cross-functional collaboration with IT Ops, design, and external vendors.
- Enhanced marketing and on-site search capabilities by integrating Klaviyo and Constructor.io, increasing user retention by 15% and marketing efficiency by 60%.
- Maintained 99.9% uptime and strengthened security by proactively monitoring systems and resolving issues using Sentry.

Full Stack Software Engineer

May 2022 - Dec 2022

SoftwareQ Inc. - Waterloo, Canada

- Converted an internal CLI tool to a cross-platform desktop application using Electron.js, improving accessibility and usability for non-technical research users.
- Reduced user onboarding time by 10% by designing scalable React/Node.js and Angular/Python applications for quantum computing research workflows.
- Improved deployment consistency and reduced errors by 15% through Docker-based containerization and standardized AWS environments.

Software Engineer

Jun 2018 - Aug 2021

Systems Limited - Pakistan

- Led the delivery of 5+ projects across diverse industries using Angular, React.js, and Node.js, ensuring tight deadlines were met.
- Designed and launched 3 user-centric web and mobile applications, transforming business requirements and Figma designs into seamless, responsive, accessible interfaces.
- Improved code quality by conducting 100+ code reviews, reducing production bugs by 15%, and mentored 2 interns.

Education

Post Graduate Certificate, Software Engineering, Conestoga College, Waterloo, Canada

Dec 2022

Bachelors, Computer Science, National University of Computer and Emerging Sciences, Pakistan

June 2018

Certification

- AWS Certified Cloud Practitioner - Amazon Web Services