

Harpreet Singh

Software Engineer

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Profile summary

Software Engineer with over 2.5 years of experience in designing and developing scalable, high-performance web applications that solve real-world problems. Currently contributing at Carelon (Elevance Health), focusing on delivering user-centric, fast, and responsive products with exceptional UX. Expertise includes JavaScript, TypeScript, React, Next.js, Node.js, .NET Core APIs, Microservices architecture, AWS cloud services, MongoDB, and SQL databases. Adept at building robust, maintainable code and collaborating in agile environments to drive innovation and product excellence.

Skills



Work Experience

Software Engineer — Carelon Global Solutions

Aug 2023 - Present

- Led development of complex React based frontend features such as Kroger onboarding, medical policy eligibility checks dashboard, AG grid data tables, revamped UI components and pages in 8+ modules, improving overall UX.
- Architected and delivered a multi-tenant provider portal using Next.js, implemented Auth0 authentication with RBAC, enabling clinics and prescribers to manage patient Rx orders, reducing workflow time by 15%.
- Implemented real-time logging and monitoring pipelines using OpenTelemetry, Splunk and Sentry, achieving 99.9% uptime and faster incident resolution.
- Developed and maintained scalable backend systems and REST APIs using .NET Core and Node.js in a microservices based architecture, ensuring smooth integration between multiple modules.
- Designed and implemented SQL Server databases and stored procedures, improving data processing efficiency by 10%.
- Built responsive front-end features like prescription upload and refill order scheduling in myBioplus app, increasing patient engagement by 35%.
- Improved frontend performance by reducing bundle size 20% and integrating RTK Query for client side API caching.
- Spearheaded a test coverage initiative, reaching 80% code coverage using unit test cases, cutting bugs by 30%.
- Serving as Frontend Point of Contact (PoC) in a 30+ member cross-functional team, handling production releases, on-call support, code reviews and architecture discussions.
- Tech Stack: React.js, Next.js, JavaScript, Redux Toolkit, RTK Query, Material-UI, AG Grid, Jest, Webpack, Auth0, Bitbucket.

Internships

Software Developer Intern — Apertotek Consulting LLP

150 Days

Projects

SerialTrack - Product warranty tracking system

60 Days

- Production-ready app, used for 2+ years at a local shop, reducing paperwork by 100% and entry time from 5 min to 15 sec.
- Developed intuitive UI for managing warranties by serial numbers and customer data along with stats dashboard.
- Implemented 2-click serial number replacement and bulk upload features with OCR (Tesseract.js).
- Tech: Next.js, ReactJS, Node.js, MongoDB, Tailwind CSS, Vercel.

Education

