

Sahil Loria

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Skills

Programming Languages: JavaScript/TypeScript (Frontend & Backend), Python, C++, SQL

Frameworks: React, Redux, React Native, Tailwind CSS, MUI, Express, Node.js, Next.js, Jest, Vite (JS/TS)

Other: Microservices, CI/CD, OOP, REST APIs, OAuth, JWT, Docker, Redis, MySQL, MongoDB, Prisma

AWS: Lambda, CloudFront, CloudWatch, S3

Experience

Full Stack Developer

Veracity Trust Network

09/2022 - Present

WTP (Web Threat Protection)

- Spearheaded the frontend architecture of SaaS application using **React, Redux, and Nivo** as part of a 4-member engineering team.
- Achieved a **60% reduction in load time** over 3 months through performance optimizations (**lazy loading, memoization**), resulting in a **25% increase in user retention** within the same period.
- Developed unit and integration tests using **Jest** and **React Testing Library**, leading to a **20% decrease in production bugs** over the **next 2 release cycles (~6 weeks)**.

AFP (Ad Fraud Protection)

- Designed and integrated interactive graphs using **D3.js**, improving detection clarity and reducing support queries by **15%**.
- Diagnosed and fixed frequent rendering issues in complex chart components by strategically applying **useMemo** and **useCallback**, boosting frontend performance by **30%**.
- **Debugged** and resolved critical **bugs** across modules, improving stability and cutting down dev-to-release cycle by **20%**.

Overseer – Internal Monitoring & Admin Platform

- Modernized and refactored a legacy **React** codebase using **Tailwind CSS** and responsive UI principles.
- Created a **component-based design system**, improving usability across web, tablet, and mobile.
- Mentored 3 junior developers and interns via pair programming and reviews, enabling production-ready contributions within **2 weeks**.
- Managed **Jira and Trello boards**, automated recurring sprint tasks, and improved team velocity by **15%**.

Frontend Developer (Intern)

Veracity Trust Network

07/2022 - 09/2022

- Redesigned and modernized the design system components to support responsiveness across web, tablet, and mobile devices using flexible layout grids and utility-first CSS (Tailwind), increasing user satisfaction by **15%**.
- Strengthened **JavaScript, React, and CSS** expertise by contributing to internal and open-source projects.

Education

BSc Computer Science- Upper Second Class

 **University of York**