

YASH SHRIVASTAVA

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WORK EXPERIENCE

Web Developer Analyst – Accenture

March 2024 - Present

- Migrated core frontend from **Next.js** to **React.js**, improving client-side performance and reducing RAM usage by **75%**.
- Cut **Docker** image size from **600MB** to **124MB** using multi-stage builds, accelerating deployment time by **50%**.
- Implemented **Passport.js** with **JWT** and OTP-based password reset, reducing login issues by 25% across 200+ users.
- Refactored **Firestore** structure, reducing reads operation by **40%** and cutting storage costs by 30% through better indexing.
- Improved asset optimization by implementing adaptive image resizing and lazy loading, reducing initial rendering time from **2s** to **500ms**.
- Integrated **Elasticsearch** for search features, improving search latency from **400ms** to **150ms**.
- Automated deployments via **GitHub Actions** to **Google Cloud Run**, trimming deployment time by **40%** and minimizing human error in production pushes.
- Added meta tags, structured data, lazy loading, and sitemap.xml for **SEO**, improving SERP visibility.
- Replaced infinite scrolling with a paginated data-fetching strategy, reducing client-side memory usage by **60%** and improving page load performance by **40%**, resulting in smoother UX and better scalability across devices.
- Established **middleware** for protected routes and user permissions, enhancing application security.

Web Developer Associate – Accenture

December 2021 - March 2024

- Amplified app performance by **35%** and decreased the initial bundle size from **700KB** to smaller async chunks, refining load times and accelerating routing efficiency leveraging **TanStack Router** with code-splitting..
- Built **10+** REST APIs using **Express.js** with consistent response times under **150ms**, enabling scalable backend operations.
- Configured **MongoDB** to store user data and enabled smooth retrieval during core user operations.
- Eliminated **30%** of code redundancy by developing and implementing **custom React hooks**, increasing maintainability across **15+** components.
- Developed **70+** responsive screens with **100+** widgets using **HTML**, **Tailwind CSS**, and **Shadcn**.
- Leveraged **Zod** for robust schema validation, cutting data-related bugs by **90%** and ensuring consistent, secure APIs.
- Delivered interactive mapping features using **Leaflet** and **ArcGIS APIs**, enhancing user engagement and real-time geospatial interactions, contributing to **100%** client satisfaction.
- Collaborated with cross-functional teams of **3** developers, **2** designers in agile sprints to meet fast-paced delivery.

Software Engineer Intern – HighRadius Technologies Pvt. Ltd

May 2020 - June 2020

- Built a FinTech B2B app featuring ML driven customer data validation and NLP chatbot to improve user engagement.

TECHNICAL SKILLS

Front-End: React.js, Next.js, TypeScript, JavaScript, Zustand, Redux, Tailwind CSS, Shadcn, React Router, Tanstack, Swiper, HTML, Framer Motion, Material UI, Leaflet, UI/UX, MWeb, DOM, SPA

Back-End: Node.js, Express.js, Firestore, Elasticsearch, Passport.js, Zod, Multer, MongoDB, Auth.js, SSR, OAuth, CORS, REST APIs, JSON Web Token, Python

Cloud: Git, Docker, Google Cloud Platform (GCP), Cloud Run, Artifact Registry, GitHub Actions, Firebase Hosting

Tools: Postman, Azure DevOps, Bitbucket, Jira, NPM, Vite, Parcel, Babel, Sendgrid, EmailJS, Resend, Scrum, Figma

OPEN SOURCE CONTRIBUTION

Creator & Maintainer - create-react-app

[NPM](#) | [Github](#)

- Interactive and visually polished CLI tool that scaffolds React or Next.js apps with routing, state management, responsive Header/Footer, and dark/light mode, reducing setup time from days to under 1 minute.
- Offers a pre-configured frontend stack with SEO optimization, Tailwind CSS, Shadcn/UI components, and 4 theme variants for immediate deployment.

EDUCATION

Bachelor in Technology (B.Tech / B.Eng) in Computer Science and System Engg

June 2017 - May 2021

Kalinga Institute of Industrial Technology

Bhubaneswar, India