

YASH SHRIVASTAVA

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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.

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 an NLP chatbot for enhanced user engagement.

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