Bhavay Puri

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Software Engineer with 4+ years of experience building web applications using ReactJS, NextJS, and NodeJS. Passionate about performance optimization and technology driven by impact

EDUCATION

GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY — Delhi
B.Tech INFORMATION TECHNOLOGY (GPA 8.79) — Aug 2017 – June 2021

EXPERIENCE

PARTSAVATAR | SENIOR SOFTWARE ENGINEER — Remote, Noida | Jan 2024 – Present
- Improved **core web vital scores** by **40%** by implementing WebP images, fixing CLS issues, lazy loading non-critical components and replacing heavy libraries with lightweight in-house alternatives
- Implemented **Microsoft Clarity** to capture user behavior through session replays and heatmaps, enhancing UX insights
- Integrated **3DS authentication protocol**, improving transaction security and reducing fraudulent transactions by **15%**
- Leveraged **Server Side Rendering** in NextJS to improve **SEO** and upgraded Next.js and Node.js to the latest versions, addressing breaking changes and ensuring system stability and uptime
- Architected internal Content Management System from Angular to React, reducing development time for new features by 30%

PARTSAVATAR | SOFTWARE ENGINEER — Remote, Noida | Jun 2021 – Dec 2023
- Engineered an **In-House Chat Widget** in **NodeJS** using WebSockets to boost user engagement and streamline customer support
- Integrated **Stripe, Sezzle, and Flexiti** payment gateways, contributing to a **20%** increase in completed orders
- Implemented **Klaviyo** and **PushEngage** for email and push notification campaigns, increasing abandoned cart recovery rate by **20%** and driving higher order conversions
- Built a robust testing infrastructure using **React Testing Library** for unit tests and **Cypress** for E2E tests, integrated into CI/CD pipeline
- Migrated legacy React class components to use functional components and hooks
- Integrated **Internationalization** for French language support in Storefront using NextJS

BOBBLE AI | SOFTWARE DEVELOPER INTERN — Remote, Noida | Jan 2021 – May 2021
- Migrated Mint Keyboard APIs from monolithic to microservice architecture
- Reduced latency of log ingestion APIs

LEENA AI | SOFTWARE DEVELOPER INTERN — Gurgaon | June 2019 – Aug 2019
- Developed the flow dashboard and implemented a reusable customized heatmap component to improve data visualization and analysis

PROJECTS

TWITTER CLONE | Live Demo — **React, NodeJS, Express, SQL, Cloudinary**
Developed a full-featured Twitter Clone with support for posts, likes, retweets, and media upload using cloudinary

CODEPAIR | Live Demo — **React, NodeJS, Express, Docker**
CodePair is a collaborative coding platform supporting C++, Java, and Python languages. Built on operational transformation principles, it ensures seamless real-time editing while incorporating video calling functionality for enhanced collaboration in mock interviews

WEB CHAT | Live Demo — **React, NodeJS, Express, MongoDB, Websockets, Firebase**
Built a real-time chat app using Websockets and Firebase for photo sharing and message persistence

TECHNICAL SKILLS

Languages: JavaScript, TypeScript
Frontend: HTML, CSS, React.js, Redux, NextJS, Bootstrap, Tailwind
Backend: Node.js, Express, MongoDB, SQL
Technologies: AWS, Docker, Git, Jest, Cypress