SHIVANSH RAGHAV

SOFTWARE ENGINEER | FULL STACK DEVELOPER

+91 999 094 1900 | shivansh901@gmail.com | GitHub | LinkedIn

Summary

A highly skilled software engineer with 4 years of expertise harnessing advanced development tools like React.js, Next.js, and Node.js. Proficient in JavaScript, TypeScript, MUI, HTML, and CSS, my dedication to mastering JavaScript and crafting interactive websites drives my continuous learning and adept problem-solving abilities.

Skills

- **Programming Languages:** JavaScript, Typescript, PHP, Python.
- **Frontend Technologies:** NextJs, ReactJS, Redux, HTML & CSS, MUI, Ant design, Bootstrap, SCSS.
- **Backend Technologies:** NodeJS, Express, PHP, Postman.
- **Databases:** MySQL & MongoDB
- **Version Control:** GitHub & SVN.
- **Other Skills:** Unit testing, Proficiency in VS Code.
- **Professional Skills:** Strategic planner, creative problem solver, data-driven problem solving, coaching & training.

Work Experience

❖ **Senior Product Engineer** @Tredence Analytics Solutions   **Oct 22 – Present**

Tredence Analytics Private Ltd specializes in data science consulting and analytics solutions for businesses. As a Full Stack developer with leadership capabilities, I adept at transforming concepts into multifunctional website components, specializing in Next.js, React.js, SQL databases, and Azure DevOps.

Impact & Highlight:

- Led the successful delivery of three high-impact software projects, achieving an average efficiency improvement of 50% compared to previous projects, even got appreciation from a client.
- Spearheaded process optimizations resulting in a 30% reduction in project completion time, showcasing adeptness in maximizing productivity while maintaining coding quality standards.
- Demonstrated exceptional leadership under pressure by guiding teams to meet strict deadlines, ensuring timely delivery of all projects without compromising quality or team morale. Led teams of up to 6 developers, fostering collaboration and innovation.

❖ **Software Developer** @PE Front Office   **Dec 21 – Set 22**

- Proficient in implementing new features, debugging code, and resolving client software inquiries. Adept at conducting research and development to identify innovative solutions for feature enhancements.
- Specialized in swiftly addressing software-related queries and issues, while also excelling in research and development initiatives to pioneer new features and functionalities, ensuring continued client satisfaction and product advancement.

❖ **Web Developer** @InkBlock Studios   **Feb 20 – Dec 21**

- Spearheaded end-to-end website development activities, contributing to multiple major projects, notably an e-commerce platform.
- Drove diverse tasks spanning from concept to deployment, showcasing expertise in website development, with a focus on delivering exceptional user experiences and functional excellence.

Education

- **Bachelor of Technology/ M.D.U:** 2011-2015, Gurgaon
- **Higher Schooling/ HBSE:** 2009-2011, Gurgaon.
- **Certifications:**
  - LinkedIn Skill Assessment Badge in **Javascript, HTML & CSS**
  - Udemy Course certificates in **Modern Javascript; NodeJs & MongoDB**

Projects

❖ *SANCUS (New Version)* / NextJs, Typescript, Redux, MUI, Prisma

SANCUS, a data representation app, underwent a significant revamp to incorporate Modularization, enabling seamless adaptation to varying attribute and column requirements with minimal development effort across both Azure and AWS environments. This flexibility ensures rapid customization for diverse client needs, typically within a 2-week timeframe.

Built on Next.js, TypeScript, Redux, and Prisma ORM, leveraging a PostgreSQL database, SANCUS employs Material UI for swift frontend component development. Custom APIs were developed to efficiently fetch and manage data, complemented by Next.js backend support for seamless integration and performance optimization.

Responsibilities:

- Led the project as a tech lead, architecting a modularized Web App adaptable to any client's needs within a rapid 2-week timeframe, facilitating easy configuration of attributes and filters through simple database setups.
- Developed API endpoints and implemented intricate logic to ensure seamless functionality and data handling.
- Implemented comprehensive unit tests for both frontend and backend using Jest, ensuring robust code quality and reliability.

- Authored detailed development documentation and instructional videos to aid in the understanding and usage of the system.
- Provided guidance and mentorship to developers to facilitate the creation of customized versions tailored to specific client requirements.

❖ *Eddgie Unified* / NextJs, Redux-Toolkit, Typescript, AntD, Nodejs, MSSQL

Eddgie Unified is an analytical web app designed to track the Over Shelf Availability of various items, categorized by country. The project features multiple web pages, each containing complex and nested tables, popup modals, and bi-directional cascading filters for Countries, BGs (Business Groups), Categories, Retailers, and Stores. Additionally, the app includes pages dedicated to PowerBi reports.

The Web App was built with NextJs, NodeJs & MySQL. To ensure a seamless and efficient user experience, several external libraries such as TypeScript, Redux Toolkit, Redux Persist, Axios, MSAL for SSO, Ant Design as CSS library and Jest for unit testing were employed, making the application blazing fast, robust, and reliable.

Responsibilities:
- As Frontend lead, I was responsible for taking all decisions to deliver a bug free highly efficient project within strict deadlines.
- Designed the architecture of the project as per the requirement of the clients.
- Managed the frontend team, & coordinated with backend & PowerBi team.
- Writing Unit tests for frontend & backend with Jest.

❖ *SANCUS Client App* / NextJs, Redux, MUI, Azure Databricks, Prisma, MSSQL

Sancus is a data analytic tool to analyze the raw data and transform it into business level presentations using charts & tables. The tool was built using NextJs as full stack framework, and azure databricks for DB & DevOps, multiple other external libraries were used to make experience blazing fast and efficient like Redux, MUI, Apex Charts, Axios, redux-persist and Jest for Unit testing.

Responsibilities:
- Development of frontend from a Figma design with NextJs.
- Writing APIs and backend logics including connecting to DB and writing queries.
- Writing Unit tests for frontend & backend with Jest.
- Research & development on multiple new libraries & possible ways to optimize the application.

❖ *Sarumon WebApp*/ ReactJS, MongoDB, NodeJS (Serverless)

An app that shows data for Pokemons like characters on a grid, with their details popup with basic navigations. Built with ReactJs as frontend, MongoDB for storage with the help of Nodejs, the backend was made serverless to keep it light, and to reduce the deployment cost and complexity with the help of Netlify serverless functions.

Responsibilities:
- To understand the requirement and choose the right tech for the project to keep the project cost efficient and future expansion in mind.
- Development of the frontend, backend & database.
- To deploy it in a suitable environment.

❖ *Pefrontoffice.com* / ReactJS, NodeJS(Express), MongoDB,

Admin panel of PE Front office financial tool (Manage Mutual Funds)

Responsibility:
- Managed the development, maintenance, and augmentation of core functionalities on the main website, ensuring seamless operation and user experience.
- Spearheaded research and development initiatives to create cutting-edge financial tools, contributing to the expansion of service offerings and staying ahead of industry trends.

❖ *Grest.in* / Laravel 8, MySQL, JQuery

E-commerce platform dealing in refurbished smartphones, built on PHP Framework Laravel 8, with JS, jQuery, MySQL, GIT and APIs.

Role & Responsibility: Full stack developer, delivered the product in just 3 months.
- Managed frontend, backend, and database operations, including integration of payment gateways, user authentication with login, registration, and email verification, and implementation of admin privileges.
- Developed a user-friendly admin panel enabling easy management of products, categories, sub-categories, homepage banners, orders, and user accounts, facilitating seamless site administration.
- Deployed sites using cPanel and ensured ongoing maintenance to guarantee optimal performance and user experience.