

RITESH GUPTA

(Senior Frontend Engineer)

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CAREER SUMMARY:

Innovative Senior Frontend Engineer with over **5+ years** of experience in developing high-impact web applications. I aim to contribute with my skills to an organization where I can support its goals while advancing my professional career and making a positive impact on society through my work.

SKILLS:

Languages

- JavaScript (ES6+), TypeScript, HTML5, CSS3

Frameworks

- Node JS, Angular, React, Redux, MVC, Bootstrap, jQuery, Tailwind CSS, SCSS/SASS, Astro

OS & Database Experiences

- Linux, Windows, MySQL, PostgreSQL

Tools

- Docker, AWS, Jest, GitHub & Gitlab CI/CD, Github Pages, Jira, Postman, VSCode, Selenium, ChatGPT

WORK EXPERIENCE:

IPLit Solutions LLP, Senior Frontend Engineer

(Jul 2019 - Present)

- Performance Optimization:** Developed and implemented **React hooks for debouncing API requests**, utilized request batching, and cached responses when appropriate, which resulted in a **20% performance improvement** in the Bahmni application, leading to savings of approximately **\$10k USD**.
- Onsite Experience:** Conducted multiple site visits to thoroughly understand workflows and user requirements, which enabled the development of tailored healthcare software solutions for the **Bihar and Assam governments**, resulting in an **80% increase in their digital accessibility**.
- Project Delivery:** Spearheaded and successfully delivered **18+ implementations**, demonstrating exceptional project management skills.
- Leadership & Mentorship:** Interviewed **5+ candidates** and mentored junior developers, fostering team growth, skill development, and promoting Agile methodologies for efficient collaboration and project delivery.
- Enhanced Code Reusability:** By Refactoring **JavaScript, HTML, and CSS** codes on various platforms for Bahmni and it's native applications, leading to a **15% increase** in usability and user satisfaction as evidenced by user feedback.
- Implemented CI/CD pipelines:** Designed and optimized **CI/CD pipelines** to automate testing, integration, and deployment processes, significantly reducing release times and improving code quality.
- Cloud Infrastructure Management:** I deployed and managed frontend applications on **AWS EC2 instances**, leveraging **Elastic Load Balancing**, which resulted in a **35% reduction in application loading time**, saving approximately 200ms .

PROJECTS:

Bahmni, Senior Frontend Engineer

(Jul 2019 - Present)

Bahmni is an open-source, easy-to-use Electronic Medical Record (EMR) and hospital management system that integrates multiple healthcare workflows into a unified solution.

- Roles & Responsibilities:** Played a pivotal role in enhancing Bahmni by developing and optimizing critical frontend modules, including Appointment Scheduling, In-Patient Detailed Care View, and Admin Dashboards. These modules improved workflow efficiency and user experience across healthcare providers.
- Technologies Used:**
 - AWS services
 - JavaScript
 - React
 - Redux
 - GitHub & Gitlab CI/CD
 - Angular
 - TypeScript
 - HTML5 & CSS3
 - MySQL, PostgreSQL
 - Node JS
 - Docker
 - MVC
 - Jira
 - BootStrap
 - Selenium
 - JSON
 - Postman
 - ChatGPT
 - SCSS/SASS
 - Jest
 - Testing and debugging
 - Version control
 - Problem solving
 - Agile methodology
 - Cross-browser compatibility

My Portfolio Website, Freelance Web Developer 

(Apr 2023 - May 2024)

- **Role & Responsibilities:** Crafted a **dynamic and responsive** personal portfolio using advanced web development techniques and frameworks. Integrated a **contact management system** and optimized the site for performance and scalability. Deployed the site on a **version-controlled hosting platform** for seamless updates and maintenance.
- **Technologies Used:**
 - HTML5 & CSS3
 - JavaScript
 - React
 - Bootstrap
 - Typescript
 - Google Forms
 - GitHub Pages
 - Astro
 - Redux

EDUCATION:

Bachelor of Computer Science - Software Engineering

(2014-2018)

Terna Engineering College | Mumbai University

- Completed the degree with 6.5/10 CGPA

CERTIFICATION:

JavaScript Algorithms and Data Structures 

(Jun 2024)

freeCodeCamp 

Front-End Development libraries 

(Sep 2024)

freeCodeCamp 