

# RITESH GUPTA

(Senior Software 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, Python, Java

### Frameworks

- React, Redux, Context API, Node JS, Express, Angular, 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:

### 1. NeoSOFT Digital Pvt Ltd, Senior Software Engineer (Nov 2024- Present)

- Built Scalable Payment Aggregator:** Built a large-scale payment aggregator module from scratch, enabling seamless transaction processing, which in turn improved payment success rates and reduced processing time.
- Developed a Fully Responsive Application:** Built a well-optimized, device-agnostic application, ensuring compatibility across all screens, which in turn enhanced UX and increased engagement.
- Designed Reusable and Scalable Code:** Implemented Atomic Design principles for modular component development, making code reusable across the project, which in turn improved development efficiency and maintainability
- Enhanced Web Accessibility:** Improved application accessibility by optimizing for WCAG compliance, which in turn expanded the app's reach and usability for a diverse range of users.
- Implemented Advanced Performance Techniques:** Integrated technical concepts such as debouncing, throttling, Higher-Order Components (HOC), custom hooks, memoization, and request pooling, which in turn optimized application speed and efficiency.
- Leveraged Performance Optimization Tools:** Used tools like Lighthouse to measure and enhance performance, which in turn improved Core Web Vitals, reduced load times, and boosted SEO rankings.

### 2. IPLit Solutions LLP, Senior Frontend Engineer (Jul 2019 - Sep 2024)

- Performance Optimization:** Developed and implemented **React hooks for throttling 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**.
- Project Delivery:** Spearheaded and successfully delivered **20+ implementations**, demonstrating exceptional project management skills.
- 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 .
- 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**.
- Leadership & Mentorship:** **Mentored junior developers**, fostering team growth, skill development, and promoting Agile methodologies for efficient collaboration and project delivery.

PROJECTS:

1. SBI E-Pay, Senior Frontend Engineer (Nov 2024 -Present)

SBIePay is a large-scale payment aggregator platform by the State Bank of India (SBI), enabling seamless online transactions across multiple payment modes. It offers secure, scalable, and efficient payment processing for businesses, ensuring compliance with banking and regulatory standards.

2. Bahmni, Senior Frontend Engineer (Jul 2019 - Sep 2024)

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 Js

• Redux

• GitHub & Gitlab CI/CD

• Angular

• TypeScript

• HTML5 & CSS3

• MySQL, PostgreSQL

• Node JS(Express)

• Docker

• MVC

• Jira

• Express

• Selenium

• JSON

• Postman

• ChatGPT

• SCSS/SASS

• Jest

• Unit Testing and debugging

• Version control

• Problem solving

• Participation in code review

• Cross-browser compatibility

3. My Portfolio Website, Freelance Web Developer (Apr 2023 - Sep 2023)

• **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

• Node

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