

Professional Summary

Highly skilled software developer with expertise in JAVA, React, Node JS, and JavaScript. Proficient in competitive programming, data structures, algorithms, and API testing. Experienced in working with Mongo DB and REST APIs within the SDLC/SDTC framework. Demonstrates strong problem-solving abilities and a commitment to delivering high-quality software solutions. Aims to leverage technical skills to drive innovation and efficiency in future projects.

Work History

Software Developer Level 1 09/2023 - 08/2024

Par Solution - Surat, India

- Contributed to the development of web applications by writing clean, efficient code in JavaScript, React, and Node.js under the supervision of senior developers
- Assisted in building and maintaining front-end components, ensuring user-friendly interfaces and responsive design
- Collaborated with team members to implement back-end services using Node.js, following best practices for API development and database integration
- Participated in code reviews, learning from feedback to enhance code quality and understand industry standards
- Contributed to a 20% reduction in loading times by optimizing front-end components.

Internship 07/2022 - 10/2022

APPSIANT Technology - Rajkot, India

- Assisted in the design and development of responsive websites using HTML, CSS, and JavaScript, enhancing user experience across various devices and browsers
- Supported the creation of front-end components using frameworks like Bootstrap and React, improving project delivery speed and code reusability
- Collaborated with senior developers to implement back-end functionality using Node.js, gaining hands-on experience with server-side programming and database integration
- Participated in the full development lifecycle, from gathering requirements to testing and deployment, contributing to multiple client projects

Skills

Web Tech	Competitive programming
<div>Frontend:</div> <ul style="list-style-type: none">React.jsReduxJavaScript(ES6+)Next.jsPerformance Optimization (Lazy Loading, Code Splitting)HTML5 & CSS(Bootstrap and Tailwind CSS) <div>Backend:</div> <ul style="list-style-type: none">Node.jsPostman (API Testing)Mongo DBREST APIExpress.jsWebpack (Module Bundler)Docker (Containerization)AWS & GCP (Cloud Platforms)	<ul style="list-style-type: none">Data Structure (Arrays, Stacks, Queues, Linked Lists, Advanced structures like Trees, Graphs, Heaps, and HashMaps)Algorithm (Sorting, Searching, Dynamic Programming,DFS/BFS)LeetCode Practice: Actively solving algorithmic and data structure problems on LeetCode to enhance problem-solving skills and understanding of time and space complexities.Java

Education

Bachelor of Engineering (BEng): Information Technology
CVM University - India – Distinction

09/2020 - 03/2024

Master of Science: Advanced Computer Science
Newcastle University (Russell Group)- Newcastle upon Tyne

09/2024 - 08/2025

Certifications

- POSTMAN: API Testing
- Accenture: Coding: Development & Advanced Engineering Job Simulation

Projects

Upwork JSS Calculator (bansi1008.github.io/Upworkjss)

Developed a web application that calculates an estimated Upwork Job Success Score (JSS) based on various factors such as client feedback, completed jobs, and contract outcomes

Built the front-end using React, leveraging functional components and hooks to create an interactive and user-friendly interface. Implemented the back-end logic in Node.js to process user input and perform calculations, ensuring accurate results based on Upwork's JSS criteria.

Quiz System (<https://github.com/bansi1008/QuizUsingJava>)

Developed an interactive Quiz System using core Java, focusing on object-oriented programming principles to create a modular and maintainable codebase.

Implemented essential features for quiz creation, question management, and scoring logic, demonstrating proficiency in data structures and algorithms.

Designed a command-line interface to facilitate user interaction, ensuring a smooth and intuitive experience for users. Conducted thorough testing with JUnit 5, validating core functionalities and ensuring robustness through unit and integration tests.

Restaurant Landing Page (<https://67c0f21d85804445893d6e71--strong-swan-afce65.netlify.app/>)

Developed a dynamic and responsive landing page for a restaurant using React. Implemented interactive features like menu display, reservation booking, and customer reviews.

Designed a visually appealing user interface with a focus on user experience and ease of navigation.

Ensured cross-browser compatibility and mobile responsiveness. Deployed the application on Netlify for seamless hosting and accessibility.

Bookstore with Microservices (<https://github.com/bansi1008/Bookstore>)

Developed a bookstore application using React.js for the frontend and Node.js with Express.js for the backend, following a microservices architecture for scalability.

Implemented core functionalities including book browsing, search, pagination, and a shopping cart system, allowing users to add books and proceed to checkout.

Designed and managed two microservices: Catalog Service for CRUD operations on books using PostgreSQL as the database, and Cart Service for handling shopping cart operations, ensuring smooth transaction flow. Secured admin functionalities with role-based authentication, allowing only authorized users to add, edit, and delete books from the catalog.

Integrated RESTful APIs between frontend and backend services, enabling seamless data flow and real-time updates.

Optimized database performance by structuring data efficiently in PostgreSQL, ensuring fast queries and data integrity.

Utilized Git & GitHub for version control, maintaining a well-documented and structured codebase to facilitate team collaboration.

Multimart (<https://multimart-sepia.vercel.app/>)

Developed and deployed a full-stack e-commerce web application, leveraging React, Node.js, and Vercel for deployment.

Designed a responsive interface using Tailwind CSS, ensuring compatibility across mobile and desktop devices.

Integrated dynamic features such as product browsing, cart functionality, and user authentication for a smooth user experience.

Successfully demonstrated expertise in full-stack development, responsive design, and modern web technologies.