BANSI DOBARIYA

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https://bansi1008.github.io/portfolio

Professional Summary

Highly skilled software developer with expertise in JAVA, C++, React, Node JS, and JavaScript. Proficient in competitive programming, data structures, algorithms, and API testing. Experienced in working with MySQL 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

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

- JAVA
- Competitive Programming
- C++
- React
- Node JS
- Java Script
- Data Structure
- Algorithm
- API Testing
- MySql
- REST API
- SDLC/SDTC

Education

Bachelor of Engineering (BEng): IT   09/2020 - 03/2024
CVM University - India - Distinction

Master of Science: Advanced Computer Science   09/2024 - 08/2025
Newcastle University - Newcastle upon Tyne

Certifications

- POSTMAN: API Testing
- Accenture: Developer and Technology Job Simulation
- 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.