Bharath S

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🔗 https://github.com/Bharaths73 🌐 https://bharaths73.github.io/Portfolio/

Summary

Technically skilled postgraduate with a Master's degree in Computer Applications from PES University with a strong foundation in software development and programming languages such as Java and Python. Demonstrated experience in developing dynamic web applications using HTML, CSS, JavaScript, React, Express.js, Node.js and Spring boot. Aspiring to join a forward-thinking team as a Software Engineer, leveraging my full-stack development skills to deliver scalable and maintainable applications.

Education

PES University   **2023 - 2024**
Master of Computer Applications   *Bengaluru, Karnataka*
CGPA: 7.9

BMS College of Commerce and Management   **2019 - 2022**
Bachelor of Computer Applications   *Bengaluru, Karnataka*
CGPA: 7.7

Projects

StudyInProgress:Online Learning Platform | *React.js, Tailwind CSS, Node.js, Express.js, MongoDB*   **GitHub | Live**
- StudyInProgress is a full-stack platform allowing students to browse courses and instructors to publish content.
- Developed backend services using Node.js and Express.js to provide RESTful APIs for core platform functionality.
- Implemented user authentication and role-based authorization to restrict access to student and instructor features.
- Used MongoDB to store and manage user profiles, course content, enrollments, and payment history efficiently.
- Created a responsive frontend with React.js and Tailwind CSS, managing state via Redux Toolkit for seamless UX.
- Integrated Razorpay payment gateway to securely handle real-time transactions for course enrollments and purchases.

College Election Voting System | *Java, Spring Boot, React.js, Tailwind CSS, MySQL*   **GitHub | Live**
- Built a full-stack platform allowing students to register as candidates, cast votes securely, and participate in elections.
- Configured user authentication and role-based access control using Spring Security for admin and voter permissions.
- Designed RESTful APIs with Spring MVC for voter registration, election setup, and real-time results tracking.
- Enabled secure, real-time voting with instant result updates accessible to administrators during ongoing elections.
- Utilized Spring Data JPA with MySQL for robust data persistence and seamless application-database interaction.

Chat Application | *React.js, Tailwind CSS, Node.js, Express.js, MongoDB, Socket.io*   **GitHub | Live**
- Engineered a real-time private chat application enabling seamless one-on-one messaging between users.
- Crafted the application using React.js for the UI, Node.js with Express for the backend, and MongoDB for data storage
- Utilized Redux Toolkit for efficient and scalable state management across authentication and chat session components.
- Established reliable WebSocket connections using Socket.io to enable real-time, bidirectional message delivery.
- Leveraged JWT-based authentication to ensure secure user access and prevent unauthorized chat sessions.

Technical Skills

Programming Languages: Java, Python
Front-End Technologies: HTML, CSS, JavaScript, React
Backend Technologies: Node.js, Express.js, Spring Boot
Databases: MySQL, MongoDB
Computer Science Fundamentals: Operating System, Networking, DBMS, OOP
Developer Tools: Git, GitHub, VS Code, Postman, Docker

Certifications

Build a backend Node.js API with a React client	**Certificate Link**
Docker for Java Developers	**Certificate Link**
Java tutorial for complete beginners	**Certificate Link**