BHARATH S

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• https://github.com/Bharaths73 • Portfolio

SUMMARY

Motivated and skilled MCA graduate from PES University with a strong foundation in software development and programming languages such as Java, Python, C, and C++. Experienced in building web applications using HTML, CSS, JavaScript, React, Express.js and Node.js. Seeking a Software Engineer role where I can contribute my skills in web development, backend services, and databases.

EDUCATION

Master of Computer Application   2022 - 2024
PES University
7.9 CGPA

Bachelor of Computer Application   2019 - 2022
BMS College of Commerce and Management
7.7 CGPA

12th Grade   2017 - 2019
S N Bhat PU College
64%

10th Grade   2016 - 2017
Max Muller High School
79.52%

SKILLS

- **Programming Languages:** Java, Python, C, C++
- **Web Technologies:** Html, CSS, JavaScript, React, Node.js, Express.js, Spring Boot
- **Databases:** MySQL, MongoDB
- **Computer Science Fundamentals:** Operating System, Networking, DBMS, OOPs

PROJECTS

StudyInProgress:-Online Learning Platform

- Developed RESTful APIs using Express.js and Node.js for seamless data exchange.
- Implemented user authentication and authorization for secure access to various platform features.
- Integrated MongoDB for efficient data storage and retrieval of user information and course data.
- Managed state using Redux toolkit, ensuring smooth user session management across the application.
- Designed and implemented user-friendly frontend interfaces using React.js and Tailwind CSS..
- Enabled features like student course browsing, purchasing, and instructor course management.

College Election Voting System

- Built a full-stack college election system using Spring Boot, ReactJS, and MySQL.
- Implemented Spring Security for authentication and role-based access (admin and voter roles).
- Built RESTful APIs with Spring MVC for voter registration, election management, and results.
- Enabled real-time voting with results accessible to admins during the election.
- Utilized Spring Data JPA with MySQL for efficient data management and storage.

Cursor Pointer Control Using Eye and Hand Gestures

- Developed a system that controls the computer cursor using eye and hand gestures.
- Implemented real-time gesture recognition for intuitive cursor control using Python and MediaPipe.
- Designed a GUI interface with Tkinter for switching between eye and hand gesture modes.
- Enabled hands-free interaction with the computer interface through eye and hand gestures.