Sahil Khan

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Skills

Languages: Java | Python | JavaScript | SQL | HTML | CSS

Frameworks & Technologies: Spring Boot | ReactJS | .NET | Microservices | AWS | Lambda

Databases: MySQL

Developer Tools: Git | Docker | Postman

Core Concepts: Data Structures & Algorithms | OOP | SDLC | Cloud Computing

Education section

CDAC AIT YCP Mumbai   Aug 2023 - Jun 2024
Diploma in Advanced Computing
Relevant Coursework: Backend, Frontend, Object Oriented Programming, Databases, Data Structures and Algorithms, Operating Systems, Computer Networks, SDLC, Cloud Computing, AOP.

Technocrats Institute of Technology and Science   Aug 2016 - Jun 2020
B.E. in Mechanical Engineering
Gained expertise in design and analysis using CATIA. Developed strong foundations in thermodynamics and materials science, enhancing practical skills through projects.

Projects

- **Edu Hub Connect (2024):** Developed a website that transforms education by integrating interactive tools like quizzes and exams, streamlining administrative tasks, and fostering collaboration among students, teachers, and administrators. Using Spring Boot, React, and MySQL, based on Microservices it ensures seamless communication, reliability, and scalability, creating vibrant and interactive learning environments for enriched educational experiences.

- **eLaundry Basket (2023):** Developed an efficient monolithic website using Spring Boot, React JS, and MySQL. The platform streamlined laundry service delivery by providing real-time updates to customers and meticulously tracking services and payments, enhancing user experience and operational efficiency.

- **Hospital Management System** – Full-stack application with role-based secured system using JWT-authentication for Patients, Doctors, and Admins. Built with React frontend and Spring Boot REST API backend.

- **E-Commerce Website** – Web shop with product display, add-to-cart, and checkout functionality using ReactJS, Spring Boot APIs, and MySQL.

- **User Management System** – Built secure user registration, login, and RBAC using Spring Security, JWT, and MySQL database.

- **Car Rental System** – Console-based Java application using OOP principles to manage rentals, availability, and returns.

- **Personal Portfolio Website** – Responsive personal portfolio using HTML, CSS, and JavaScript to showcase skills, education, and project links.

Professional Summary

Detail-oriented Software Engineer with a foundation in full-stack development, leveraging Java, Python, Spring Boot, and React. My background in Mechanical Engineering provides a unique and robust approach to problem-solving. I have practical experience in building scalable microservices-based applications and am eager to contribute to innovative software solutions while growing within a dynamic team.

Interests

Graphic Designing | Football | Reading Books