Saurabh Kumar

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About Me!

I'm Software Developer with experience in Full stack . Proficient in building scalable software and Restful web services. My expertise includes designing efficient database schema, optimizing API endpoints for performance, implementing effective algorithms, and adhering to best practices to deliver high-quality software solutions.

Skills

Language : Java, C++, JavaScript, Basic Python
Framework: Spring Boot, React(Library), Angular, Nodejs
Database : MySQL, MongoDB(NoSQL), Amazon RDS, Amazon S3
Tools : Git, AWS

Experience

Programmer Analyst, Cognizant – Noida, UP   Dec 2023 – Present
- Create React Component for 35+ Localization .
- Work on email triggering logic to encounter mail to user .
- Integrated various Payment api end libraries to enhance the user experience.
- Collaborated with cross-functional teams to ensure seamless integration of components.
- Ensured compatibility and performance across different browsers and device

Software Engineer Intern, Cognizant – Hyderabad, Telangana   Oct 2023 – Dec 2023
- Developed responsive and visually appealing user interfaces using HTML , CSS , and Tailwind .
- Implemented user-friendly features to enhance the experience.
- Designed and maintained databases using Mongoose for MongoDB .
- Tested and validated API endpoints with Postman to ensure reliable data exchange.

Full Stack Intern, Highradius – Hyderabad, Telangana   Jan 2022 – Apirl 2022
- Developed and maintained the frontend using React , creating a seamless user experience.
- mplemented machine learning models using decision tree algorithms and XGBoost to predict payment data.
- Managed and optimized database operations using SQL.
- Collaborated with data scientists and engineers to integrate AI solutions into the application
- Conducted data analysis and preprocessing to ensure accurate predictions and insights.

Education

Lovely Professional University, B.Tech in Computer Science   Aug 2019 – May 2023
- Jalandhar, Punjab

Projects

E-commerce   Link
- Developed a comprehensive e-commerce application with user-friendly features and functionalities, ensuring a seamless user experience and efficient management for sellers and administrators .
- Implemented email authentication and OTP verification for secure user login.
- Utilized JWT tokens for secure authorization and session management.
- Integrated add-to-cart functionality and product review system.
- Integrated Razorpay API for secure and efficient bill payments.

- Tools Used: Angular, Nodejs, Typescript, JavaScript, MongoDB

American Sign Detection Link

- Developed a system for detecting American Sign Language gestures using Convolutional Neural Networks (CNNs) and transfer learning.
- Utilized pre-trained models VGG16 and ResNet50 to enhance the accuracy and efficiency of the gesture recognition process
- Worked with a comprehensive dataset of 68,000 images representing various ASL gestures
- Achieved 96.23 percent high accuracy in gesture detection, demonstrating the effectiveness of the chosen models . methodologies.
- Tools Used: Python, CNN, ResNet50, Vgg16, Scikit, Seaborn

Certification

Aws Cloud Certified Certification

Core Java Cipher Schools