RUTWIK K

Associate Software Developer

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ABOUT ME

Seeking a challenging role in a reputed organization where I can leverage my engineering and software development skills to contribute to business growth, while continuously learning and advancing in new technologies.

EDUCATION

SHREEDEVI INSTITUTE OF TECHNOLOGY
B.E (Computer Science)
Mangalore,Karnataka   **2019 - 2023**

MAHESH PU COLLEGE
Pre-University College(PCMB)
Shivamogga, Karnataka   **2017 - 2019**

SHRI RAMAKRISHNA VIDYANIKETHANA
SSLC
Shivamogga,Karnataka   **2017**

SKILLS

- HTML/CSS/JAVASCRIPT
- MongoDB
- React JS
- Node JS(Microservices)
- SQL
- UI/UX(Figma)
- Java
- Python   • Flutter

LANGUAGES

ENGLISH , KANNADA , HINDI, TULU

CERTIFICATIONS

JAVA FULLSTACK TRAINING, VIJAYANAGAR BENGALURU - PURSUED JAVA, J2EE, SPRING, HIBERNATE AND WEB TECHNOLOGIES TRAINING FROM PENTAGON SPACE.

WORK EXPERIENCE

RSCSystems Pvt Lmtd – Associate Software Developer   **2024-NOW**

- Partnered with senior developers to construct responsive web applications utilising React.js and modern JavaScript (ES6+)
- Engineered reusable and modular React components, enhancing code maintainability and scalability.
- Implemented RESTful APIs for dynamic content retrieval and display, facilitating seamless data flow between frontend and backend.
- Structured and deployed MongoDB schemas and queries for optimal storage and retrieval of user and app data.
- Identified and rectified UI/UX issues, guaranteeing cross-browser compatibility and responsive design across devices.
- Implemented Agile methodologies for iterative development, sprint planning, and daily stand-ups.
- Acquired practical experience in fundamental Flutter development, examining mobile app interfaces and UI layout design.
- Leveraged AWS services at basic level to comprehend cloud infrastructure, encompassing deployment, hosting, and management.
- Contributed to code reviews and version control via Git, guaranteeing high-quality, collaborative code delivery.

PROJECTS

Astrology APIs – React Frontend Built a responsive frontend in React.js to consume astrology APIs for daily horoscopes and zodiac data. Focused on dynamic rendering, user interface design, and clean state management.

Driver Drowsiness and Yawning Detection Using Machine Learning - Developed a real-time system using OpenCV and machine learning to detect driver drowsiness and yawning via facial landmarks. Aimed at enhancing road safety by alerting drivers through visual/audio signals.

Learning Management System (LMS) - Developed a full-stack web application using the MERN stack to manage student courses, authentication, and role-based dashboards. Designed both admin and user flows for education management.

Mobile App (Flutter)- Explored basic mobile app development using Flutter, focusing on UI layout, navigation, and stateful widgets. Created screens for login, registration, and profile display as a practice app.