Sathgurunathan S

Full Stack Developer

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As a dedicated software developer with 2 years hands-on experience in MERN stack, Flutter,Dart, I have cultivated a strong foundation in building robust and user-centric applications. My journey in software development is driven by a passion for continuous learning and problem-solving. I am seeking an opportunity to apply my technical skills and creativity in a challenging role where I can contribute to innovative projects, collaborate with a talented team, and grow professionally.

EXPERIENCE

Full-Stack Web Development Intern - KGISL Micro COllege   **2022 -2022**

- Developed and maintained dynamic web pages using React.js and Bootstrap to enhance the user experience.
- Built backend RESTful APIs with Node.js and Express.js to handle server-side logic and database interactions.
- Collaborated with the team to manage MongoDB and MySQL databases for application data storage.
- Integrated state management using Redux Toolkit for efficient data handling in complex UIs.

Associate Software Engineer - Adol Technologies Pvt Ltd   **2022 - Present**

- Developed and deployed full-stack web applications using the MERN stack (MongoDB, Express.js, React.js, Node.js).
- Built cross-platform mobile apps with React Native and Flutter, ensuring compatibility across Android and iOS devices.
- Integrated RESTful APIs to connect frontends with backends, ensuring smooth data flow between applications and databases.
- Managed state effectively using Redux Toolkit and Bloc for complex data handling in both web and mobile apps.
- Implemented authentication systems (JWT and Firebase Auth) for secure user login and data access.
- Conducted code reviews, testing, and debugging to maintain high code quality.

EDUCATION

- **M.Sc Computer Science**   **2020 - 2022**
  Bharathiar University - 81.5%

- **B.Sc Computer Science**   **2017 - 2020**
  Bharathiar University - 63.5%

- **Higher Secondary Certificate**   **2017**
  Government Higher Secondary School - 72%

- **Secondary School Leaving Certificate**   **2015**
  Government Higher Secondary School - 74%

PROGRAMMING SKILLS

Frontend :

- React.js
- React Native
- HTML5
- CSS3
- Bootstrap
- Material UI
- JavaScript (ES6+)

Backend :

- Node.js
- Express.js
- RESTful APIs

Mobile Development :

- Flutter
- Dart
- React Native

Database :

- MongoDB
- MySQL
- SQLite
- PostgreSQL

State Management :

- Redux Toolkit
- Flux
- Bloc (Flutter)

Version Control :

- Git
- GitHub

SOFT SKILLS

- Hard worker
- Adaptability
- Positive Thinker
- Strong analytical and problem-solving abilities
- Excellent communication and teamwork skills
- Experience working in remote and hybrid environments

LANGUAGES

- Tamil
- English

PROJECT

BillPlus - Billing Software
2024

- The objective of this project is to design and develop an automated billing software solution that streamlines the process of invoice generation, payment tracking, and financial management for businesses. The software aims to provide a user-friendly interface to manage customers, products, taxes, and transactions efficiently, while reducing human errors and improving cash flow visibility. It will offer features such as multi-currency support, recurring billing, automated payment reminders, and real-time reporting to ensure smooth operations and tax compliance.
- By integrating payment gateways and supporting inventory management, the software will help businesses enhance customer satisfaction and achieve operational efficiency.

Healthcare Medicine Management System
2022

- The objective of this project is to develop a mobile-based healthcare medicine management system using Android Studio to streamline the tracking, management,and stock maintenance of medicines. This app aims to assist pharmacies,hospitals, and healthcare providers in efficiently managing medicine inventories, orders, and stock levels in real-time.
- The system will offer features such as inventory tracking, expiry date alerts, low-stock notifications, and barcode scanning to ensure accuracy in stock management. It will also enable easy access to medicine records, prevent stockouts, and reduce wastage by ensuring timely restocking.

Canteen Management System
2020

- The main aim of this project "Canteen Management system" is to provide fastservices to their college students, Staffs etc. This application will provide the list of different menu list with different categories. User can select any item from canteen and can order for it by using debit card payment or wallet Payment Wallet Recharging available with debit card details or admin can add amount in user's wallet.
- Canteen Management system manages all details of food items which contain name, description, image, price etc.

CERTIFICATIONS

- Full-Stack Web Development with MERN Stack(Kgisl Micro College)
- Attended a workshop on the topic of "Android App Development" at Penta Animation, Erode.
- Attended a "Entrepreneurship Awareness Camp" in National Science and Technology Entrepreneurship Development Board,Trichy.
- Participated a "Word Building" Event at Navarasam Arts and Science College, Erode.