BALAN K K

Software Engineer with 2 years of experience in full-stack development, actively seeking for challenging opportunities.

Email: balanfsd@gmail.com

LinkedIn: https://www.linkedin.com/in/balankk/

Personal: +91 8190963605

Skills:

Frontend: HTML5, CSS3, Bootstrap, JavaScript, React JS

Backend: Node JS, Express JS, PHP

Framework: Laravel

Database: NoSQL: MongoDB (Mongoose), SQL: MySQL

Experiences:

IT Experience – 2 Years

Afynd Pvt Ltd, Chennai – Full Stack Developer   **Apr 2024 – Oct 2024**

- Developed a web application that help the Role-Based Access Control (RBAC) structure for managing user privileges within the application.

- The platform provides detailed information about universities, their campuses, and available programs, enabling users to apply directly through the app after completing a registration process.

- Developed using modern frameworks (React) ensuring a responsive and fast user experience.

- Customizable UI components for different universities to tailor the platform to their needs.

- Built with a scalable architecture using Node.js/Express.

- Data storage and retrieval through a robust database (MongoDB), allowing efficient handling of large amounts of data (universities, programs, applications).

- Email integration with SMTP or services like Gmail API, allowing email notifications and updates for students and administrators.

Ameso Tech Pvt Ltd, Chennai – Backend Developer   **Jul 2023 – Feb 2024**

- Created an API using the MVC pattern and executed HTTP methods using Node.js (Express).
- Implemented authorization, authentication, and JWT token generation to test the API in Postman.
- Handled data in MongoDB, processing aggregation operations across multiple documents to return computed results.
- For the frontend, utilized React JS to create forms, retrieve user input data, store it in MongoDB, and perform data processing via aggregation pipelines.

Trainee - Guvi Institution, Chennai   **Jan 2023 - Jun 2023**

- Developed a Pizza Delivery Full-stack application using React JS, Node (Express Js), and MongoDB (Mongoose).
- Developed a Movie-Ticket Full-stack application using React JS, Node (Express Js), and MongoDB (Mongoose).
- Developed an input form with validations, and CRUD operations.
- Built Tit Tac Toe game application in React JS.
- Designed & Developed a simple calculator application using javascript.

Core Knowledge:

- Strong understanding of core principles of React JS, including Virtual DOM, Data Binding, State & Props, React Lifecycle, React Hooks, and Redux.
- Cross-browser compatibility, responsiveness, and adherence to web accessibility standards.
- Experience in developing applications with Node.js, Express, and MongoDB (using the Mongoose library). Also proficient in customizing database operations with the help of Mongoose.
- Experience with stripe integration and cashfree payment integration in Nodejs to streamline secure financial transactions.
- Proficient in building and extending content management systems using Laravel, leveraging its elegant syntax and powerful features like Eloquent ORM, Blade templating, and Artisan commands to build robust, flexible, and efficient CMS platforms.

Education:

- Full Stack Development Course at Guvi Institute, Chennai
- BE (Bachelor of Engineering) (2013-2017) - Vaigai College of Engineering, Madurai, Tamil Nadu – 7.21/10 CGPA
- Grade XII (2012-2013) - TN State Board, Madurai, Tamil Nadu – 75.6%
- Grade X (2010-2011) - TN State Board, Madurai, Tamil Nadu – 88.4%