BAVITHRAN

FULL STACK DEVELOPER | SOFTWARE DEVELOPER

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SUMMARY

Full-stack web developer with over 2 years of experience, specializing in MERN (**MongoDB**, **Express.js**, **React.js**, **Node.js**) and **CodeIgniter**. Developed interactive, user-friendly websites, improving user engagement by 30%. Translated client requirements into scalable, maintainable applications, increasing development efficiency by 25%. Proficient in secure authorization, real-time analytics, and optimizing workflows, boosting productivity by 35%.

PROFESSIONAL EXPERIENCE

Raspberry Info Systems Pvt Ltd   2023 - Present

Senior Full Stack Web Developer

- Spearheaded front-end development using **React.js**, **HTML**, **CSS**, **JavaScript**, and **Material-UI**, optimizing performance and significantly improving overall user experience and functionality by 30%.
- Redesigned UI with **React.js** and **React Hooks**, increasing responsiveness and user engagement by 25%.
- Engineered robust, high-performance, and scalable **RESTful APIs** with **Node.js**, **Express.js**, and **MongoDB**, significantly enhancing application performance by 30% and scalability by 20%.
- Developed and launched a CRM system using **CodeIgniter 4**, **MySQL**, and **Firebase**, improving client satisfaction by 30% and increasing revenue by 20%.
- Deployed applications on **AWS**, leveraging **S3** for file storage and **SES** for email integration and **Lambda** for serverless function, ensuring 90% scalability and reliability.
- Optimized **MongoDB** queries and indexing, reducing query response time by 20% and improving server efficiency by 25%.
- Integrated third-party **APIs**, **OAuth 2.0**, and **JWT** for secure authentication, payment processing, and real-time data syncing, improving transaction speed by 25% and operational efficiency by 30%.

TECHNICAL SKILLS

- **Frontend:** React.js, React Native, HTML5, CSS3, JavaScript, Bootstrap, Material-UI, Ajax, Axios, jQuery, TypeScript**.**
- **Backend:** Node.js, Express.js, PHP, CodeIgniter, RESTful APIs, GraphQL**.**
- **Databases:** MySQL, MongoDB, Firebase**.**
- **Tools:** Git, GitHub, Postman, AWS (S3, SES), JSON, OAuth 2.0, JWT**.**
- **Soft Skills:** Innovative thinking, efficient prioritization, collaborative mindset, dedication, and reliability.

ACHIEVEMENTS

- Delivered CRM with **CodeIgnite**r and **Firebase**, boosting client satisfaction by 30% and revenue by 20%.
- Enhanced **React.js**, **MongoDB**, and **AWS**, improving scalability, performance and efficiency by 30%.
- Engineered and executed secure applications using **Node.js**, **Express.js**, and **RESTful APIs**, ensuring 90% uptime and seamless authentication.

PROJECTS

- **MIS MOBILE APP** [LIVE LINK] - Upgraded from HTML/CSS/JS to **React.js**, integrating **Firebase** and **Node.js** to streamline development efficiency by 30% and elevate application performance by 45%.
- **SKYHMS** [LIVE LINK] - Designed and deployed Hotel Management Software, automating bookings, billing, and check-ins, increasing operational efficiency by 30% and improving guest satisfaction by 25%.
- **BEEDESK** [LIVE LINK] - Built a task ticket management system using **CodeIgniter**, tracking development progress and ensuring timely delivery. Improved project efficiency by 40% through streamlined workflows.
- **BOOKING ENGINE** [LINK] - Developed a hotel-side booking engine to automate reservations, availability, and pricing, enhancing operational efficiency by 35% and minimizing manual errors.
- **PORTFOLIO** [LINK] - Showcased technical expertise through projects utilizing **React.js** and **Node.js.**

EDUCATION

B.E. in Mechanical Engineering, Anna University, Trichy   2013 - 2017
HSC - Maths, Biology, SVS HR Sec School, Kachirapalayam   2011 - 2013

CERTIFICATES

Full Stack Web Development Course (DDUGKY), Chennai   2022