BAVITHRAN

SENIOR FULL STACK DEVELOPER | SOFTWARE DEVELOPER

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SUMMARY

Full-stack web developer with over 2 years of experience, proficient in the MERN stack (MongoDB, Express.js, React.js, Node.js), CodeIgniter, and AWS. Skilled in developing high-performance web applications, focusing on secure authentication, real-time analytics, and process optimization. Troubleshot complex issues to ensure seamless application performance. Enhanced development efficiency by 25%, improved user engagement by 30%, and increased sales tracking accuracy by 25%.

TECHNICAL SKILLS

- **Frontend Development:** React.js, React Native, HTML5, CSS3, JavaScript, Bootstrap, Material-UI, TypeScript, jQuery, Axios, Ajax, JSON
- **Backend Development:** Node.js, Express.js, PHP, CodeIgniter, RESTful APIs, GraphQL
- **Databases:** MySQL, MongoDB, Firebase
- **Tools & Platforms:** Git, GitHub, Postman, AWS (S3, SES, Lambda), OAuth 2.0, JWT

PROFESSIONAL EXPERIENCE

Raspberry Info Systems Pvt. Ltd   2023 - Present
Senior Full Stack Developer
- Crafted user-centric front-end solutions by leveraging **React.js** and **Material-UI** to design responsive interfaces, driving a 25% improvement in user engagement metrics.
- Revitalized UI/UX through React Hooks and modern design principles, boosting responsiveness by 30%.
- Orchestrated and implemented scalable **RESTful APIs** with **Node.js**, **Express.js**, and **MongoDB**, optimizing backend performance by 30% and scalability by 20%.
- Architected a comprehensive CRM platform using **CodeIgniter**, **MySQL**, and **Firebase**, resulting in a 30% increase in client retention and streamlined workflows.
- Deployed robust cloud-based applications through **AWS** services, ensuring 90% reliability with integrations such as S3 storage, SES email solutions, and Lambda functions.
- Optimized **MongoDB** query performance by refining indexing strategies, reducing query response times by 20% and enhancing server throughput by 25%.
- Integrated secure **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 effectiveness by 30%.

PROJECTS

MIS MOBILE APP (Live Link)
- Transformed a legacy mobile application by integrating **React.js**, **Firebase**, and **Node.js** with MongoDB; achieved a 45% increase in performance while streamlining development workflows for greater efficiency.
- Implemented advanced analytics, secure authorization mechanisms, and real-time updates, resulting in a 25% improvement in client sales tracking and revenue accuracy.

PORTFOLIO (Link)
- Showcased technical expertise in **React.js** and **Node.js** by building scalable, fast-loading projects. Enhanced user experience with drag-and-drop features, reducing portfolio creation time by 40%.

SKYHMS (Live Link)
- Engineered a scalable cloud-based hotel management system using **CodeIgniter**, streamlining booking, billing, and housekeeping operations, improving efficiency by 30%.
- Achieved a 25% increase in guest satisfaction by improving workflow efficiency and ensuring system reliability.

BEEDESK (Live Link)
- Built a task ticketing system using **CodeIgniter** and **MySQL**, automating workflow tracking processes and achieving a 40% improvement in project management efficiency by streamlining task handling procedures.

BOOKING ENGINE (Live Link)

- Orchestrated the development of an advanced booking engine leveraging **RESTful APIs** and pricing automation, boosting operational efficiency by 35% through streamlined booking workflows, reduced manual tasks, and enhanced system performance.

ACHIEVEMENTS

- Delivered CRM with **CodeIgnite**r and **Firebase**, boosting client satisfaction by 30% and revenue by 20%.
- Optimized scalability and performance of applications by 30% using **React.js**, **MongoDB**, and **AWS**.
- Spearheaded secure application development with **Node.js** and **RESTful APIs**, ensuring 90% uptime and seamless authentication processes.

CERTIFICATES

Full Stack Web Development Course — DDUGKY, Chennai   2022

- Completed training in modern web development technologies, including front-end and back-end development.
- Acquired expertise in developing scalable, high-performance web applications, solving real-world challenges through responsive and user-focused design.

EDUCATION

Anna University, Trichy
B.E. in Mechanical Engineering   2013 - 2017

SVS HR Sec School, Kachirapalayam
HSC (Maths & Biology)   2011 - 2013

SOFT SKILLS

Innovative thinking, efficient prioritization, collaborative mindset, dedication, and reliability