

# BAVITHRAN B

## Senior Full Stack Developer

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Portfolio: myportfolio-bavi.vercel.app

### Professional Summary

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Senior Full Stack Developer with 3+ years of hands-on IT experience and 6 years of overall professional experience, including 3 years in Mechanical Engineering. Specialized in delivering high-performance web applications using Laravel, CodeIgniter, the MERN stack (MongoDB, Express.js, React.js, Node.js), Java, and AWS. Experienced in cloud-based solutions, real-time data processing, performance tuning, and ES6 asynchronous programming. Proven ability to deliver scalable, high-availability solutions, with strong expertise in RESTful APIs, CI/CD pipelines, microservices architecture, and Agile development practices.

### Technical Skills

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**Frontend:** React.js, Angular, JavaScript (ES6+), HTML5, CSS3, Bootstrap, Material-UI, React Native, TypeScript, jQuery, Axios, Ajax, JSON, Redux, Tailwind CSS

**Backend:** Node.js, Express.js, PHP, Laravel, CodeIgniter, Java, Microservices Architecture, RESTful APIs, GraphQL

**Databases:** MySQL, PostgreSQL, MongoDB, Firebase

**Tools & Platforms:** Git, GitHub, Jira, Postman, Docker, AWS (S3, SES, Lambda), OAuth 2.0, JWT, CI/CD, Jest, Automated Testing, Agile & Scrum

### Professional Experience

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**Senior Full Stack Developer — Bluebase Software Services Pvt. Ltd.**    *Mar 2025 – Present*  
(Remote)

- Refined the UCO Bank member portal by enhancing backend queries and implementing caching strategies, reducing page load times by 40% and increasing system throughput by 60%.
- Architected a canteen management system using React.js, Node.js, and MySQL, streamlining daily operations and improving efficiency by 30%.
- Orchestrated end-to-end delivery of a hotel management platform using React, Laravel, and MySQL, digitizing workflows and driving a 40% improvement in operational productivity.
- Automated build and release workflows through CI/CD pipeline configuration, accelerating deployment cycles and strengthening release stability by 40%.

**Full Stack Developer — Raspberry Info Systems Pvt. Ltd., Chennai**    *Jan 2023 – Feb 2025*

- Designed adaptive front-end components with React.js and Material-UI, elevating user engagement by 25%.
- Implemented scalable RESTful services with Express.js and MongoDB, improving backend responsiveness by 30%.
- Executed and supported CRM platforms using Laravel, CodeIgniter, MySQL, PostgreSQL, and Firebase, enhancing customer retention by 30%.
- Deployed cloud-native applications on AWS (S3, SES, Lambda), sustaining service availability above 90%.
- Integrated secure authentication and authorization mechanisms via OAuth 2.0 and JWT, accelerating transaction workflows by 30%.
- Transitioned monolithic applications into microservices-driven systems with CI/CD integration, boosting team delivery efficiency by 40%.

## Freelance Web Developer

Jul 2022 – Jan 2023

- Rolled out 5+ client projects by designing, implementing, and deploying full-stack applications, consistently completing milestones 15% ahead of schedule.

## Key Projects

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**MIS Mobile App** — Reengineered a legacy mobile application using React.js, Firebase, Node.js, and MongoDB, achieving a 45% gain in application speed and stability.

**SKYHMS** — Architected a microservices-driven hotel management software using Laravel and MySQL, segregating booking, billing, and operational modules, improving system scalability by 40% and reducing API response times by 30%.

**BEEDESK** — Built an internal task and ticketing platform using Node.js and MySQL, enhancing team productivity by 40%.

**UCO Society Portal** — Enhanced an enterprise portal using advanced caching and database tuning, achieving 40% faster page loads and 60% overall performance improvement.

**CRM Platform** — Established a CRM system using Node.js, React.js, and MySQL to manage leads and customer interactions, improving sales team efficiency by 25% through real-time analytics.

**Enterprise ERP System** — Delivered a web-based ERP using Laravel, MySQL, and RESTful APIs, streamlining sales, inventory, and invoicing workflows to improve data accuracy by 35% and reduce manual processing by 30%.

## Education

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**B.E. Mechanical Engineering** — Anna University, Trichy

Aug 2013 – May 2017

**HSC (Mathematics & Biology)** — SVS HR Sec School, Kachirapalayam

Jun 2011 – Mar 2013

## Certification

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Full Stack Web Development Course — DDUGKY, Chennai

Jul 2022 – Jan 2023

## Additional Experience (Mechanical Engineering)

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**Production Engineer** — Sundaram Fasteners Ltd., Chennai

Nov 2018 – Oct 2021

- Programmed CNC machining operations to achieve high-precision manufacturing, decreasing defect rates by 40% and boosting production output by 30%.

**Production Engineer Trainee** — Gestamp Automotive Chennai Pvt. Ltd., Chennai

Oct 2017 – Apr 2018

- Executed press shop operations, managing daily production activities and ensuring smooth workflows, supporting 100% on-time production schedules.

## Soft Skills

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Strategic thinking, effective prioritization, collaborative teamwork, commitment to excellence, customer-centric approach, and reliability.