

Marieswaran Balasubramanian

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Summary

Full Stack Developer | 2.7+ Years of Experience Proficient in developing and maintaining high-quality web applications. Skilled in both front-end and back-end technologies. Implementing innovative solutions and consistently delivering projects within tight deadlines. Passionate about staying updated with emerging trends in the field.

Experience

Full Stack Developer

Next99 • Chennai

01/2024 - Present

- **Full-Stack Web Application Development**
 - Developed and supported web application with the MERN stack, consisting of MySQL, Express.js, React, and Node.js, further combined with Next.js for server-side rendering and efficiency. Designed responsive, accessible user interfaces with best performance.
 - Developed feature-rich **user and admin dashboards**, incorporating role-based access control and intuitive workflows to enhance user experience and administrative efficiency.
- **Healthcare, Drug & Alcohol Testing, and DOT Consortium Solutions**
 - Developed fully-fledged solutions specifically tailored for the healthcare, drug and alcohol testing industry, as well as for the needs of a DOT consortium. Collaborated very closely with the team in establishing business requirements and delivering applicable functionalities within specified timelines.
- **Experience with Microservices and Third-Party Integrations**
 - Designed and developed scalable microservices architectures to enhance modularity and improve system performance.
 - Integrated Digital Ocean S3 for secure and efficient file storage, retrieval, and management within distributed applications.
 - Implemented SendGrid for reliable email delivery, including transactional emails, notifications using customizable MJML Templates ensuring high deliverability rates.
 - Collaborated with cross-functional teams and organization to implement and integrate RESTful APIs, webhooks to facilitate seamless communication between services.
- **Payment Gateway Integration**
 - Headed the development of secure payment gateway integrations of payment acceptance systems like Stripe, PayPal and Authorize.net. This ensured seamless transactions, subscriptions and all payments made are hassle-free to process.
- **Project Leadership**
 - Executed comprehensive project management duties solo, maintaining efficiency throughout the project lifecycle.
 - Actively participated in code reviews for peers, providing constructive feedback to enhance code quality, maintain consistency with coding standards, and ensure best practices were followed.
- **Code Quality and Maintainability**
 - Wrote clean, maintainable, and scalable code on industry standard. Developed comprehensive unit tests that guaranteed the quality and stability of the codebase.
 - Optimized application performance through code refactoring, lazy loading, and efficient database queries, resulting in reduced load times and improved scalability.
- **Project Links**
 - [Joult Health](#)
 - [US DOT Program](#)

Full Stack Developer

- **Full-Stack Web Application Development**
 - Developed and maintained a web application using the PERN stack (PostgreSQL, Express.js, React, Node.js) combined with Next.js to leverage server-side rendering and improve performance.
 - Designed and implemented responsive, visually appealing user interfaces optimized for accessibility and performance. The frontend applications were seamlessly integrated with multiple microservices through RESTful APIs, ensuring a robust and efficient architecture.
 - **Performance and User Experience Optimization**
 - Achieved exceptionally low website load times, delivering a smooth and engaging user experience. Managed high-stakes D2C campaigns and flash sales, which contributed to 70% of total revenue.
 - By implementing SEO best practices, the application experienced a 15% increase in organic search traffic, significantly enhancing its online visibility.
 - **Successful Product Launch**
 - The project was launched within the estimated timeframe and was recognized for its innovative design, functionality, and teamwork.
 - Collaboration with cross-functional teams, including engineers and product managers from diverse cultural backgrounds, ensured seamless delivery and alignment with business goals.
 - **Process Improvements and Workflow Automation**
 - Contributed to the development of internal tools and processes, leading to improved development efficiency and higher code quality.
 - Automated end-to-end workflows and designed API scripts, saving significant time in resolving support issues and eliminating manual processes.
 - **Backend Maintenance and Issue Resolution**
 - Performed detailed debugging and root cause analysis to address backend support issues, ensuring system reliability and maintaining high-performance standards.
 - **Project Links**
 - [CircleDNA](#)
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Skills

- **Front-end Development** : HTML | CSS | SCSS | Bootstrap | JavaScript | TypeScript
 - **Library & Framework**: React.js | Next.js and other some cool npm packages.
 - **Runtime** : Node.js
 - **Database**: PostgreSQL | MySQL
 - **Database ORMs**: TypeORM | Prisma
 - **Payment Integration**: Stripe | Paypal | Authorize.net
 - **Testing and Automation**: Unit Testing - Jest | WebDriver IO
 - **Authentication**: NextAuth.js
 - **Source & Version Control** : Github | Git
 - **Software & Applications** : Metabase | Postman | JIRA | Figma | Swagger | Sendgrid
 - **Elastic Search** : Kibana | AWS CloudWatch
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Education

Bachelor of Engineering

Government College of Engineering Srirangam • Trichy

07/2022

CGPA: 8.0
