

# Jeeva Saravanan

## Senior Full Stack Software Developer

Senior Full Stack Software Developer with **around 4 years of experience** in web technologies, specializing in **React, Node, and SQL**. Demonstrated expertise in building scalable, high-performance applications and streamlining development workflows. Strong problem-solving abilities coupled with a passion for innovation and continuous learning. Committed to delivering robust solutions that drive business growth and improve operational efficiency.



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📄 [js-jeevasaravanan-portfolio.vercel.app](https://js-jeevasaravanan-portfolio.vercel.app)

🐙 [github.com/JS-JeevaSaravanan](https://github.com/JS-JeevaSaravanan)

## WORK EXPERIENCE

### Senior Product Developer Lumel Technologies Inc.

01/2024 - Present

Hybrid, Chennai

- **Spearheaded** cross-visual **data transfer** in Power BI, enabling seamless collaboration and enhancing user efficiency.
- Achieved a 40% reduction in **query execution time** by implementing **advanced techniques** such as table filters, hashing, and stored procedures.
- Directed the **migration** of Power BI applications to web platforms, significantly expanding usability across **desktop and mobile platforms**.
- Made strategic **technical decisions** for major product features, conducted comprehensive **code reviews**, and ensured delivery ahead of **deadlines** to meet project milestones.
- Developed **Jest-based unit tests**, achieving 95% coverage and enhancing code reliability, reducing production bugs by 30%.

### Associate and Product Developer Lumel Technologies Inc.

01/2022 - 12/2023

Remote, Chennai

- Designed **reusable UI components**, reducing development time by 55% and implemented highly optimized data grid solutions using react-table and ag-grid for improved data rendering.
- Enhanced front-end performance with **deferred data fetching**, **virtualization**, **lazy loading**, and advanced state management using **Pub/Sub patterns**, **message queues**, and **Redux**.
- Engineered a custom **formula engine** to enhance computational accuracy and integrated **TypeScript** and **Storybook** to improve code safety, maintainability, and UI testing/documentation.
- Fixed **high-priority bugs**, improving product stability and maintaining a 99.9% reliability score.

### BI Developer Intern and Trainee Visual BI Solutions Inc.

03/2021 - 12/2021

Remote, Chennai

- Built modular **React components** and interactive **D3.js**-based data visualizations, improving **front-end performance** and analytical capabilities by 35%.
- Contributed to **CI/CD pipelines**, enabling 20% faster deployment cycles, and collaborated effectively using **JIRA** and **Git** for seamless project management.
- Engineered advanced **mathematical computations** for analytical tools, delivering actionable insights and an enhanced user experience.

## EDUCATION

### BE (CSE - Chennai Anna University) Government Engineering College (GEC), Erode

07/2017 - 03/2021

First Class

## SKILLS

JavaScript ( TypeScript , React, Redux, Next, Node, Express )

Web Dev ( HTML, CSS, Tailwind, Sass, PostCSS, SEO, Lighthouse )

UI ( Bootstrap, MaterialUI, Chakra UI, shadcn, Framer motion )

Python ( DSA, Tkinter, Flask, Script )

ORM ( TypeORM )

SQL ( MySql, Postgres, Sqlite )

NoSQL ( Mongo, Redis )

Test ( Jest, Cypress, Pytest )

Build ( Webpack, Vite )

Network ( REST, Socket, Postman, CORs, JWT, OAuth )

Control ( Git, GitHub Actions, Circle CI, Azure, Docker, Vercel )

Quality ( Refactor, JsDoc, ESLint, Prettier, Storybook, Pylint, Husky )

Tools ( Jira, Figma, Notion, Copilot, Chrome, Teams, VSCode, Wrap )

Dedication, Responsibility, GoGetter, Insightful, Mentorship

## ACHIEVEMENTS

Received the "Out of Box Thinker" award in Lumel Technologies

Led high-performing team, improving collaboration and efficiency.

Resolved 20+ critical customer issues through priority analysis and swift delivery, enhancing customer satisfaction.

## PROJECTS

BI Web Apps [ TypeScript, React, Node, TypeORM, Redis ] (~4yrs)

- Developed user-friendly Power BI products (ValQ and Inforiver) with advanced visualizations like trees, graphs, charts, and tables. Added features for calculations, data aggregation, write-back capabilities, and enhanced reporting, improving usability and boosting user satisfaction.

Management Web Apps [ Python, Flask, React, SQLite ] (~1yrs)

- Developed comprehensive management systems for passport and bus ticketing, enabling online search and interactions. Utilized Flask for backend and either Tkinter GUI or React Webpage for dynamic frontend. Integrated payment processing and email notifications to enhance user experience and streamline transactions.

## REFERENCES

Mr. Shoaib Merchant ( Founder of Mecha Systems )

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Mr. Srikanth Mohanasundaram ( Director at Lumel )

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