

# Manoj Prabu

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Self-motivated and passionate learner with a knack for mastering complex concepts through teaching others. Driven by a determination to create meaningful impact with the knowledge I acquire.

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## Skills:

Programming Languages: *HTML, CSS, JavaScript, TypeScript*

Frameworks & Libraries: *React.js, Node.js, Express.js, D3.js, Sequelize, JWT, Redux, Angular.js, Tailwind CSS*

Tools & Technologies: *Git, GitHub, PostgreSQL, Qlik Sense, Webpack, ESLint, Figma, Blender (Grease Pencil)*

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## Experience:

**GainInsights Solutions**, Software Engineer, [SenseOps](#)

*Oct 2020 - Present*

Handled [App Extension](#) segment in SenseOps and developed & maintained numerous extensions for Qlik Sense BI tool using modern web technologies.

### Front-end Development:

Developed combo chart supports up to 3 dimension and multiple measures, which can show complex data as visualization, achieved by creating a stack of data and grouping the stacked data in D3.js.

Implemented a Writeback table to edit the source data, reducing updating time to 1/3rd by leveraging Qlik cache memory updates, utilizing the react-virtualized package for infinite scroll and integrating Qlik API for cache management.

Recreated 75% of old Qlik Sense extensions and improved 60% of the performance by using react.js with optimized logic.

Created other extensions like Pie chart, Container which hold the other visualizations based on users condition, Alerting which have scheduling option to trigger an alerts.

### Back-end Development:

Database operations with Sequelize ORM enhance data manipulation efficiency and reliability using associations and transactions among different tables.

Implemented CI/CD pipelines with Webpack for seamless production updates and patches, ensuring continuous integration and deployment.

**GainInsights Solutions**, Intern

*Sep 2019 - Sep 2020*

Provided technical support to customers, troubleshooting and resolving issues related to existing extensions and applications.

Documenting the Qlik Sense properties and their usages for later understandings.

Get introduced to PostgreSQL DBMS through a Udemy course.

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## Education:

Dr. Mahalingam College of Engineering & Technology

*2016 - 2020*

B.E. - Electronics and Communication Engineering, *8.2 CGPA*

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## Awards & Achievements:

Battle of minds chess tournament winner in 2024 conducted on office level

Honored with Technology Excellence annual award on 2023

Awarded with Value Champ award on 2021

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**Hobby:** Board games, 2D Illustration, Producing 2D animated short film, Creating creative icon packs with Figma.