

# Sanjay Saravanan

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[sanjaysaravanan.dev](http://sanjaysaravanan.dev)

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## **PROFESSIONAL SUMMARY**

- A dynamic professional with 4.5+ years of experience in developing UI for Web applications with a special interest in full-stack development.
  - Extensive experience in developing web pages using **HTML/HTML5, CSS/CSS3, JavaScript, Typescript, React JS, NextJS, React-Native and Redux Concepts.**
  - Expertise in React JS framework to develop the SPA.
  - Good experience in building rest-APIs using,
    - Python(Flask, Fast-API Pandas, MongoDB)
    - Java ( Spring-Boot, Swagger, MongoDB )
    - NodeJs ( Express, Swagger, MySql )
  - Familiar with creating Custom Reusable React Components Library.
  - Good Expertise in analyzing the **ES6, High Order Functions, Objects, DOM Functions, and JavaScript functions, Cascading Styles** across cross-browser using Developer Toolbar and React Dev Tools.
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## **EMPLOYMENT HISTORY**

**Jun. 2019 – Jun. 2021**

**Chennai, Tamil Nadu**

**Associate Software Engineer, Altimetrik India Pvt. Ltd**

**Jun. 2021 – Sep. 2021**

**Chennai, Tamil Nadu**

**Software Engineer, Altimetrik India Pvt. Ltd**

**Oct. 2021 – Present**

Bengaluru, Karnataka  
Software Engineer, Encora.

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## ***EDUCATION***

*May. 2019*

B.E: Electronics and Communication from Rajalakshmi Engineering College - Chennai, Tamil Nadu.

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## ***PROJECT SUMMARY***

**Project:** DevOps Analytics Tool

**Duration:** July 2019 to now

**Description:** Analytics Dashboard tool capable of displaying critical metrics on software development ( Process Time, Lead Time, PRs merged, Code Tech Debts& Security Issues, Build metrics&timings ).

Worked on,

- Building rest API which gives analytics data with the help of pandas python framework and flask.
- Building dashboard using Dash, React-JS( C3, Nivo, Recharts), Material UI which gets data from the rest API built.

**Frontend:** HTML, CSS, JS, React JS, Python ( Dash, Plotly )

**Backend & Database:** Python (Flask, Pandas), MongoDB

**DevOps:** Docker, Docker-Compose, Jenkins CI/CD

**Project:** Graph-Generation Tool( Personal Project )

**Duration:** July 2021 to now

**Description:** Web application capable of visualizing different types of data files ( JSON, XLSX, CSV ) into different charts and graphs based on the selected axes & data points.

Worked on,

- Building rest API which gives JSON response which can be visualized in front-end.
- Building dashboard using React-JS( C3, Nivo, Recharts, d3) which gets data from the rest of API built.

**Frontend:** HTML, CSS, JS, React JS

**Backend & Database:** Python (Flask, Pandas), MongoDB

**DevOps:** Docker, Docker-Compose

**Project: E-Commerce Website**

**Duration:** Oct 2021 to now

**Description:** Web application to buy flowers online.

Worked on,

- Building UI with the help of given designs
- Took the responsibility of front-end, guided two other developers in the Team
- API Middleware development with NodeJS

**Frontend:** HTML, CSS, JS, React JS

**Backend:** NodeJs

**DevOps:** Docker, Docker-Compose

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## ***CERTIFICATION***

- Programming, Data Structures and Algorithms Using Python(NPTEL)
- Introduction To Modern Application Development(NPTEL)
- Programming, Data Structures and Algorithms Using C(NPTEL)
- Building Scalable Java Microservices with Spring Boot and Spring Cloud(Coursera)