

# Murugan V

Software Developer  
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## EDUCATION

### ANNA UNIVERSITY

#### BE COMPUTER SCIENCE

July 2022 | Chengalpet, Tamil Nadu  
Cum. GPA: 8.3

### AP MATRIC HR.SEC SCHOOL

#### HSC-2018

Melmaruvathur, Tamil Nadu  
Percentage : 86

## LINKS

Github:// [Murugan-Github](#)  
LinkedIn:// [Murugan-Linkedin](#)

## SKILLS

### LANGUAGES

Advanced:

HTML | CSS | Javascript | **React.js** | SQL

Intermediate:

Node.js | Express JS | MongoDB | React Native | AWS services | Typescript

### TOOLS & TECHNOLOGIES

Redux Toolkit | Redux Saga | Tailwind |  
Firebase | Jest | MUI | GIT | PostMan |  
SonarQube | Figma | Vitest

## COURSEWORK

### GRADUATE

- Data structures
- Object Oriented Programming
- System Design

## CERTIFICATIONS

- Meta FrontEnd Developer- Meta
- Programming With Javascript- Meta
- ReactJs Development- Great Learning
- Javascript Certification- Hacker Rank

## AWARDS

- Received **SPOT (Star Performer of the Team)** Award for successfully delivering a feature-rich Demand Planning Screen, meeting user expectations within a corporate environment.

## EXPERIENCE

### MU SIGMA | DECISION SCIENTIST

Nov 2022 - Present | Bangalore, India

- Developed a cutting-edge ReactJS tool for SABIC, a **Fortune 500 chemical company**, to showcase Key Performance metrics and leading to a **30%** reduction in decision-making.
- Upgraded data visualization, resulting in a **70%** increase in Improving user account handling.
- Implemented user interface enhancements for showcasing **10 Key Performance Indicators**.
- Successfully integrated SQL database and REST APIs, reducing data retrieval time by **60%**.
- Tech Stack: **React.js, MsSql, Redux Toolkit**

### REVATURE | ASSOCIATE SOFTWARE ENGINEER

Feb 2022 - Sep 2022 | Chennai, India

- Enhanced e-commerce app functionality with a user-friendly UI, boosting user engagement by **20%** through seamless ticket bookings.
- Spearheaded the development of **10+ features** within the movie ticket module of the e-commerce platform, leveraging **REST APIs** for seamless integration and Fine-tuned functionality.
- Optimized application **performance** significantly by **60%** through the strategic optimization of the initial load.
- Ensured a **20% increase** in user satisfaction by implementing responsive design principles for seamless user experiences across all devices by using **Media Queries**.

## PROJECTS

### CORPORATE PROJECT

#### S&OP (SUPPLY AND OPERATIONS) DEMAND PLANNING |

##### DEVELOPER

Jan 2022 - Present | Saudi Arabia

- Built the Demand Planning Screen as a ReactJS Web Developer, emphasizing the presentation of **historical and forecast data metrics** resulting in a **15% increase** in user engagement.
- Ensured robust reliability and functionality, achieving a **85% pass rate** in comprehensive unit testing using the Jest library.
- Implemented **Redux** for global state management, integrated more than **20 (.Net Rest API)** via Saga files for backend interaction, and used **Mui** library for diverse UI elements leading to a **40% improvement** in application responsiveness.

### PERSONAL PROJECT - PORTFOLIO WEBSITE DEPLOYMENT |

#### DEVELOPER (Github Link)

- Created a **responsive** and **user-friendly** interface with interactive elements, utilizing ReactJS leading to a 25% improvement in user navigation and engagement.
- Achieved a 95% page loading success rate on **Netlify**, ensuring global accessibility and optimal website performance.