

# SARAN T

## FULL STACK DEVELOPER

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### CAREER OBJECTIVE

**Full Stack Developer with nearly 2 years of experience** in building scalable, high-performance **web applications**. Seeking a challenging role to leverage expertise in **frontend** and **backend** development, delivering innovative and efficient solutions.

### EDUCATIONAL QUALIFICATION

- **BE MECHATRONICS ENGINEERING**  
Kongu Engineering College, Perundurai  
(05/2024) (CGPA 7.62)
- **DIPLOMA IN MECHATRONICS**  
Kongu Polytechnic College, Perundurai  
(06/2021) (80%)

### SKILLS

- **FRONTEND** - HTML, CSS, JavaScript, React JS, Bootstrap
- **BACK END** - Java, Spring Boot, J2EE
- **DATABASE** - MYSQL
- **TOOLS** - VS Code, Eclipse, Git
- **OTHERS** - Proficient in leveraging AI tools to enhance and accelerate project development.

### PROJECTS DONE

#### E-Commerce Website

- Architected and developed a **high-performance, mobile-responsive eCommerce platform** with an interactive, user-friendly interface optimized for conversion and retention.
- Integrated **RESTful backend APIs** for managing the product catalog, categories, and inventory, ensuring real-time stock updates and accurate product details..
- Implemented a **secure and scalable shopping cart system** supporting persistent sessions, coupon codes, and multi-step checkout with integrated payment gateways (phonepe).
- Designed **search and filter functionalities** with advanced sorting options, improving product discoverability and user experience.
- Implemented lazy loading, **image optimization**, and caching to ensure fast page loads and high performance scores.

#### Online Book Store Website

- Developed a comprehensive **Online Book Store** featuring complete **CRUD functionality** for efficient book inventory management by admins and publishers.
- Developed **role-based authentication and authorization** to provide separate dashboards for users and admins.
- Integrated **secure backend APIs** for cart operations, order placement, and transaction management, with encrypted data handling.
- Added **real-time search, category filtering, and pagination** for efficient book browsing.

### WORK EXPERIENCE

#### Cloudsdial IT Services Pvt. Ltd (2024 – Present)

- **Built and optimized** responsive web applications, ensuring high performance, scalability, and user satisfaction.
- **Integrated backend APIs using Java and PHP** to enhance functionality and streamline workflows.
- Collaborating with diverse cross-functional teams to **design, develop, and deliver high-quality**, client-focused digital solutions efficiently..

#### Saravanan Infotech (2023-2024)

- **Developed and maintained web applications using Java and React.js**, contributing to both frontend and backend modules.
- **Gained practical experience in full-stack development**, including UI design, server-side logic, and database operations.
- **Collaborated with team members and stakeholders** to troubleshoot technical issues and enhance system functionality.

### COURSES

- **JAVA Full Stack Development** Course in Green Technology Chennai (2024).
- Completed One credit course on the **Internet of Things (IoT)**.
- Completed One credit course on **Designing Printed Circuit Boards**.
- Completed a two-credit course on **LabVIEW**.

### NPTEL COURSES

- Completed three-credit courses on **Cloud Computing**.
- Completed a three-credit course on **Air pollution and control**.
- Completed a three-credit Courses on **Physics of Renewable Energy Systems**.

### COLLEGE PROJECTS

- **Automatic Sugarcane Planting Machine** – Presented at Smart India Hackathon (03/2022).
- **Portable Dirt Remover for Road Divider Using Venturi Effect** – Presented at INFINITY project expo (03/2022).
- **Automatic Awning System** (2023).
- **Temperature Monitoring in Flap Reconstruction for Cancer Patients** (2023).
- **Analysis of Turning Operation in Wire Cut EDM** (2024).