

# JayaVaishnavi Shenbagarajan

Senior System Engineer | 2 Years



Salem, TamilNadu



Github



LinkedIn



resume-portfolio-website



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## PROFILE SUMMARY

Aspiring **Fullstack Developer** of expertise with **MongoDB, Express.js, React.js, Node.js, API development**, authentication, responsive design, and performance optimization, **delivering robust, user-focused applications**.

## EXPERIENCE

### COGNIZANT TECHNOLOGY SOLUTIONS | SENIOR SYSTEM ENGINEER

Sep 2021 – Sep 2023

- Ensured strict **adherence to SOPs, runbooks**, and business impact protocols, maintaining **100% compliance** during ERP release activities.
- Managed the identification and **deployment of SAP ERP releases** for Emerald, Neo, Tempo, and other enterprise systems, leading to **0% deployment errors** and improved system reliability.
- Developed and maintained comprehensive **ERP release ID documentation**, enhancing operational efficiency by **35% and minimizing misconfigurations**.
- **Provided training and mentorship to 10+ PATs**, ensuring adherence with policies and processes, reducing policy violations.
- Ensured compliance with customer security, communication, and **process policies**, **minimizing risks and errors**.

## PROJECTS

### ECOMMERCE WEB APP | REACT.JS, NODE.JS, EXPRESSJS, MONGODB | GITHUB

March 2024

- **JWT-based authentication with role-based access control** (admin/user) for secure login, registration, and session management.
- Built an **Inventory management system** with product CRUD operations, order tracking, and image uploads via **Multer**.
- Integrated **Stripe** and Stripe webhook for smooth and secure checkout experiences.
- Designed a modern, mobile-friendly UI with React, React Router, and CSS for seamless navigation.
- Developed **RESTful APIs** using Express.js and MongoDB, implementing pagination, error handling, and secure API endpoints for high performance.

### JOB PORTAL PLATFORM | NODE.JS, EXPRESS.JS, MVC, EJS | GITHUB

December 2023

- Developed a Full-Stack Job Portal using **Express.js, EJS, and MVC** architecture, enabling recruiters to post jobs and job seekers to apply seamlessly.
- Implemented **user authentication** and session management with **Express sessions and cookies**, ensuring secure login and personalized user experience.
- Designed **dynamic server-side rendering with EJS templates**, enhancing performance and improving user interaction with real-time job listings.
- **Integrated file upload and email notifications**, allowing applicants to upload resumes and receive automated confirmation emails upon application.

## SKILLS

### PROGRAMMING

- Python • JavaScript (ES6+)
- MySQL • CSS • HTML
- MongoDB • C++

### LIBRARIES/Frameworks

- Node.js • React • Expressjs
- Bootstrap • Tailwind • Jwt
- Multer • Context API

### TOOLS/PLATFORMS

- Git • Eclipse • Vs Code
- Docker • Postman

### CONCEPTS

- REST API • MVC

## EDUCATION

### JAYAM COLLEGE OF ENGINEERING AND TECHNOLOGY

MASTER OF COMPUTER APPLICATION

2021 - 2023 | Dharmapuri, TN, India

CGPA: 8.3 / 10

## TRAININGS

### CODING NINJAS

FULLSTACK WEB DEVELOPMENT

JAN 2023 - SEP 2023

- React
- Node.js
- FrontEnd