PUSHPAKALA JOHN
Full Stack Developer

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PROFILE SUMMARY

Full Stack Developer proficient in the MERN stack (React.js, Node.js, Express.js, MongoDB) for building scalable web applications. Skilled in Python, RESTful API design, and database management (SQL, MongoDB, Mongoose) with hands-on experience in developing machine learning models and integrating AI solutions. Familiar with cloud/serverless platforms, with interests in creating scalable backend systems, AI-powered solutions, and data-driven applications.

SKILLS

- **Frontend:** React.js, Redux, TypeScript, JavaScript (ES6+), Tailwind CSS, Figma
- **Backend:** Python, Node.js, Express.js, REST API Development, JWT Authentication
- **Databases:** MongoDB, Mongoose, MongoDB Atlas, MySQL , PostgreSQL
- **Cloud:** Firebase, Vercel, Render, Puter.js
- **AI :** Machine Learning,TensorFlow.js, OpenAI API, n8n
- **Tools:** Git, GitHub, Jira, Postman, WebStorm, VS Code

EXPERIENCE

MERN Stack Developer Intern | Bernacle   **Jan 2025 - April 2025**

- Built responsive UIs with React.js, Tailwind CSS, and Bootstrap from Figma designs.
- Integrated REST APIs and managed state using Redux, Zustand, and Context API.
- Hands-on experience with the MERN stack, collaborating via Git/GitHub and Jira.

Artificial Intelligence Trainee| Digital Garage   **Mar 2024 - Aug 2024**

- Gained hands-on experience in Machine Learning and Deep Learning concepts, working with Python and popular AI frameworks.
- Built and trained AI models for real-world datasets, focusing on data preprocessing, model evaluation, and optimization.

PROJECTS

E-Commerce Website | Self Based

Tech Stack : React.js, Node.js, Express.js, MongoDB, Redux, Tailwind CSS, Razorpay

- Built a full-stack e-commerce platform with product catalog, cart & checkout, payment gateway integration, order management, and role-based authentication.
- Developed an admin dashboard for managing products, inventory, and orders, with a responsive UI and global state management using Redux.

Bulk Mail Sender Webapp | Self Based

Tech Stack : React.js, Node.js, Express.js, MongoDB Atlas, Nodemailer, ExcelJS, Render

- Built a full-stack MERN application to send bulk emails, supporting recipient list uploads directly from Excel files.
- Integrated Nodemailer for automated email delivery, managed data with MongoDB Atlas, and deployed the application on Render.

AI-Powered Resume Analyzer | Self Based

Tech Stack : Reactjs,Typescript, Zustand, Puter.js, Tailwind CSS, Webstorm

- Built a serverless AI application to analyze resumes against job descriptions with ATS-style scoring and feedback.
- Managed UI state with Zustand, styled components using Tailwind CSS, and integrated Puter.js for AI processing and storage.

EDUCATION

B.Tech - Artificial Intelligence & Data Science   **2020 - 2024**

Arjun College of Technology, Coimbatore   CGPA - 8.2

CERTIFICATION

- Certified in Full Stack Web Development – Udemy
- Certified in Full Stack Web Development – Naan Mudhalvan
- Certified in MongoDB CRUD Operations – MongoDB University
- Certified in MERN Stack Development – Errors Makes Clever
- Certified in Prompt Engineering – Errors Makes Clever