

SIDDALINGA SWAMY P M

Bachelor of Engineering (Computer Science Engineering) | 2018-22.

PROFESSIONAL SUMMARY

Full Stack MERN Developer with 2+years of experience building scalable, production-ready applications using React.js, Node.js, Express.js, and Mongo DB / MySQL. Strong expertise in API development, authentication systems and creating optimized UI with React and Tailwind CSS. Passionate about writing clean, maintainable code and solving complex problems.

Software Development | Application Design

Education	Board	Institute	Percentage/CGPA	Year
Bachelor of Engineering.	VTU.	Rao Bahadur Y. Mahabaleswarappa Engineering Collage.	7CGPA.	2022.

WORK EXPERIENCE

Software Developer.	IOP Technologies LLP.	MAR2023 – Present.
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Roles & Responsibilities

1. Credit Limit Application.

- Designed and developed a **Credit Limit Management System** using **React.js** for UI and **Node.js + Express.js** for backend services.
- Implemented **dynamic document generation** and **digital signature verification** to ensure secure and compliant approval workflows
- Built **Restful APIs** for credit limit processing, document handling, and approval status tracking.
- Automated **email notifications** using **Node mail**, triggered through an **authority matrix-based workflow**
- Optimized **MySQL queries** to improve API response time and reduce backend load.
- Used **JWT-based authentication** for secure role-based access control.
- Managed source code using **Git /GitHub**, following clean coding and version control best practices.

2. Credit Limit – E-Plan Application.

- Developed a secure **E-Plan Credit Limit system** with **React.js frontend** and **Node.js backend APIs**.
- Implemented **encryption-based digital signatures** to validate internal documents and ensure data integrity
- Automated **approval workflows** using an **authority matrix**, reducing manual coordination and approval delays.
- Designed and optimized **MySQL and Mongo DB schemas** to support scalable document and approval management.
- Integrated **JWT authentication** for secure user login and role-based authorization.
- Improved system reliability through **error handling, validation, and performance tuning**.

3. Job Portal Application.

- Developed **responsive and user-friendly UI screens** using **React.js and Tailwind CSS** for job listings, dashboards, and authentication flows.
- Built **scalable backend APIs** in **Node.js and Express.js** for user authentication, job posting, applications, and profile management.
- Implemented **JWT-based authentication and role-based access** for Fresher, Startups, and Colleges.
- Designed and optimized **MySQL/Mongo DB database structures** for efficient data retrieval and storage.
- Focused on **performance optimization** by reducing unnecessary re-renders and improving API efficiency.
- Fixed bugs, handled edge cases, and ensured application stability during ongoing development.
- Collaborated with the team using **Git /GitHub** to maintain clean, modular, and scalable code.

POSITIONS OF RESPONSIBILITY	
Organization	Software Developer for IOP. MAR 23–Present.
	<ul style="list-style-type: none"> Managed 2-member team for the client Project handling.
CERTIFICATIONS	
Skills	<ul style="list-style-type: none"> Frontend: React.js, JavaScript (ES6+), HTML, CSS, Tailwind CSS. Backend: Node.js, Express.js. Databases: Mongo DB, MySQL.
ACHIEVEMENTS & INTERESTS	
Interests	<ul style="list-style-type: none"> Technology & Coding: Passionate about exploring new technologies and enhancing problem-solving skills through coding challenges.
	<ul style="list-style-type: none"> Project Management: Enjoy collaborating on complex projects and improving team dynamics for successful project outcomes.

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