SUMANTH SV

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Self-motivated **Software Developer** skilled in building full-stack web applications using **MERN**, **Next.js**, and **TypeScript**. Experienced in **integrating AI** features with **OpenAI API** and real-time data with **Convex** and **MongoDB**. Delivered projects like Smart Tasker and enterprise apps with secure **auth, clean UI**, and optimized backend.

EDUCATION

G M Institute of Technology Davangere   Karnataka, IN
Bachelor of Engineering   *Dec 2021 - May 2025*
- **Major:** Information Science & Engineering (GPA: 9.17/10.00)

EXPERIENCE

VARCONS TECHNOLOGY Pvt. Ltd   Bengaluru
Fullstack Developer Intern ⬈   *Feb 2025 – May 2025*
- Engineered a **SMART Attendance Payroll Adjustment System** using **MERN** with role-based authentication and 5+ core modules.
- Integrated secure **login**, **CRUD features**, and real-time **payroll logic**, reducing **manual interventions** by **70%.**
- **Optimized** frontend **responsiveness** by **40%** and streamlined **API interactions** for seamless **data sync**.

SUKALPA-24   GMIT
Web Developer ⬈
- Developed innovative **UI elements** using **React** components to streamline navigation across the site. Personally resolved coding challenges **leading** to a significant **reduction** in **page load** times under three seconds.

PROJECTS

AI-Powered Cloud-Based Collaborative IDE Platform | *React, Node.js, Socket.io, Convex, OpenAI API, Monaco*
- Built a full-stack **cloud IDE** with **real-time collaboration** and **GPT**, boosting **coding efficiency** by **40%**. Reduced **setup time** by **95%** with **in-browser** editing, **live preview**, and **isolated terminals**. Supported secure team access, project uploads, **VS Code**–style UI.

Smart Tasker ⬈ | *Next.js, TypeScript, Tailwind CSS, Convex, OpenAI API*
- Built an **intelligent task manager** that uses **AI** to auto-categorize, **prioritize**, and suggest **deadlines** for tasks based on user input. Enabled CRUD operations, real-time updates, and smart reminders, improving task **productivity** by **40%.**

AI Chemist - AI Powered Data Cleanup & Rule Engine ⬈ | *Next.js, TypeScript, OpenAI API, Zod, TanStack*
- Developed a full-stack web app enabling users to upload, **clean**, and **validate CSV/XLSX** files with **100% inline editability**.
- Integrated **OpenAI** to **convert natural language** into **rule-based JSON** configurations with **90%+ accuracy**.
- Designed real-time **validation engine** handling **10+ error categories** (e.g., malformed JSON, broken references).

TECHNICAL SKILLS

Languages: C, Java, JavaScript
Frameworks/Libraries: React.js, Next.js, Node.js, Express.js, TypeScript, MongoDB, MySQL, Firebase, Firestore
Tools/ AI: Git, GitHub, Postman, VS Code, Eclipse, Google Cloud, Gemini API, Vertex AI, OpenAI

ACHIEVEMENTS

- **WINNER:** Sukalpa 2023 **Coding Competition** - Designed **algorithm**-based solutions under time constraints.
- **WINNER:** Psycury State level Coding Competition, Ignitron 2024, GM University Davanagere.
- **HACKERRANK**: 5★ in **Java** and **Problem Solving** - Solved 200+ coding challenges.
- **GEEKSFORGEEKS:** Awarded goodies for exceptional performance in problem-solving challenges.

POSITIONS OF RESPONSIBILITY

Forum Representative | *Forum Exotic Dept of ISE*   2023-24
- **Role:** Represented the **forum** for 2023-2024, facilitating member **engagement** and **organizing** workshops.

Event Lead | *Sukalpa-24*
- **Role:** Spearheaded the **planning** and **execution** of state-level tech-fest, coordinating multiple events with over 500+ participants.