SURESH DATT JOSHI

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EDUCATION

HKBK College of Engineering   **2022 – 2026**
B.Tech - Computer Science & Engineering   *Bengaluru, Karnataka*

Samruddhi Pre-University College   **2022**
Intermediate (KSEAB)   *Bengaluru, Karnataka*

Medhasree Olympiad School   **2020**
Matriculation (KSEEB)   *Bangalore, Karnataka*

RELEVANT COURSEWORK

- Data Structures and Algorithms
- Object-Oriented Programming (OOP)
- Operating Systems
- DBMS
- Software Engineering
- Computer Networks
- Web Technologies
- Cloud Computing

PROJECTS

Architect Engine
- AI-powered project planning & architecture engine that transforms ideas into comprehensive project specifications.
- **Tech Stack:** React + TypeScript, Vite, Tailwind CSS, Shadcn/ui, Node.js + Express.js, PostgreSQL.

Built-in AI Research Hub (BIPPO)
- Developed a hybrid AI Chrome extension using **on-device AI** (Summarizer, Translator, Rewriter) for privacy and the **Gemini API** for advanced cloud tasks. Integrated Chrome APIs (`sidePanel`, `contextMenus`, `storage`) to create a context-aware research assistant with a side-panel hub.
- **Tech Stack:** JavaScript, Manifest V3, Chrome APIs, Google Generative Language API.

StockTrack Pro
- A comprehensive stock-tracking web application for investors who want quick access to market data, watchlists and portfolio monitoring.
- **Tech Stack:** React.js, Redux Toolkit, Tailwind CSS, Recharts, Axios, Node.js, Express.js, MongoDB with Mongoose, JWT for auth.

AI Chatbot with Voice Assistant
- A modern chatbot application built with React, Vite and the Gemini API, designed to deliver engaging, intelligent conversational experiences.
- **Tech Stack:** React, Vite, React Icons, React Markdown, Remark GFM, UUID, ESLint.

SKILLS

- **Programming Languages:** Python, Java (Basics)
- **Frontend Development:** HTML, CSS, Tailwind CSS, JavaScript, React.js
- **Backend Development:** Node.js (Express.js), Python (FastAPI), REST APIs, Authentication & Authorization (JWT)
- **Databases:** MySQL, PostgreSQL, SQL Server, MongoDB, Mongoose
- **Tools & Technologies:** Git & GitHub, Visual Studio Code, PyCharm, Jupyter, Linux, Postman, MS Excel, Power BI, Google Cloud, LaTeX

CERTIFICATIONS

- Completed "The Complete JavaScript Course 2025: From Zero to Expert!" — a comprehensive modern JavaScript course covering projects, challenges, and in-depth concepts.
- Completed "Cyber Security Ethical Hacking Training Program."

ACHIEVEMENTS

- Participated in VibeAthon 2025, working in a team to design and build a full-stack prototype addressing **real-world** problem statements.
- Participated in Manipal Hackathon on "Culture in Crisis," **proposing** "Culture Vault," a MERN-stack platform to preserve indigenous heritage.
- Participated in the **Google Chrome Built-in AI Challenge 2025**, developing the "BIPPO - Built-in AI Research Hub" extension to create a context-aware, privacy-first research assistant.