

# Baibhav Sureka

## Aspiring Software Engineer

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### PROFESSIONAL SUMMARY

Passionate and results-oriented **Software Engineer** with a solid foundation in **software development** and experience across **Java**, **C++**, and **full-stack development**. Skilled in **object-oriented programming**, **data structures**, and **algorithms**, with a focus on building scalable financial and business solutions. Demonstrated expertise in **React.js**, **TypeScript**, and **Agile methodologies**.

### EDUCATION

#### VELLORE INSTITUTE OF TECHNOLOGY

*Bachelor of Technology in Computer Science, Specialization in IoT | CGPA: 8.93*

**Sept 2022 – Jun 2026**

*Vellore, Tamil Nadu*

### WORK EXPERIENCE

#### Frontend Web Developer

*TheBearBone Startup*

**Jun 2024 – Present**

*Vellore, Tamil Nadu*

- **Led** the design and implementation of responsive features for cross-device compatibility.
- **Enhanced code quality** using **TypeScript**, ensuring maintainability and scalability.
- **Optimized website performance** with **React.js**, improving page load speed by 30%.

#### Software Developer Intern

*Aamby Valley City, Sahara India Flagship Project*

**Jun 2024 – Jul 2024**

*Pune, Mumbai*

- **Redesigned** the company's website frontend, improving user experience by 40%.
- **Developed a purchase order management system** using **JavaScript** and **RESTful APIs**.
- **Integrated** backend functionalities using **Node.js** and optimized system performance.

### PROJECTS

#### Legally | *Next.js, Typescript, Tailwind CSS, LLM, FAISS, Pinecone*

**Mar 2024 – Apr 2024**

- **Developed** an AI-powered legal advisor platform, simplifying Indian legal processes for users.
- **Utilized** FAISS for advanced data retrieval, enhancing the accuracy of responses by 30%.
- **Recognized** in the Top 10 at the DEVSOC 2024 hackathon for innovative AI-based legal solutions.

#### Vortex 360 | *React.js, JavaScript, Node.js, Express.js*

**Dec 2023 – Jan 2024**

- **Built** a responsive event website for **Vortex-360**, supporting over 100+ team registrations.
- **Engineered** backend APIs with **Node.js** and **Express.js**, enhancing system scalability and responsiveness.

### EXTRACURRICULAR ACTIVITIES

#### Web Development Mentor

*RoboVITics Club, VIT*

**Mar 2023 – Present**

- Mentored junior students in **web development**, with a focus on **React.js** and modern front-end technologies.
- Played a key role in organizing **RoboWars**, VIT's largest tech event, by overseeing the technical infrastructure and event coordination.

#### Hackathon Achievements

- **7th Position** out of 300+ teams in **DEVSOC 2024**, a major hackathon organized by **CodeChef VIT**.

### TECHNICAL SKILLS

**Languages:** Java, C/C++, Python, JavaScript, HTML, CSS, SQL

**Web Development:** React.js, Next.js, TypeScript, Tailwind CSS, Node.js, Express.js, MongoDB

**Data Analysis & Visualization:** Excel, Matplotlib, Seaborn, Tableau

**Data Structures & Algorithms:** Trees, Graphs, Dynamic Programming

**Cloud & AI:** AWS, Prompt Design, Generative AI, Artificial Intelligence

**Developer Tools:** VS Code, PyCharm, Git, GitHub, Google Colab

### CERTIFICATIONS AND ACHIEVEMENTS

- **Hacktoberfest Open Source Contributor** – DigitalOcean, Nov 2023 ([Credential](#))
- **Career Essentials in Generative AI** – LinkedIn, Aug 2023 ([Credential](#))
- **Tata Data Visualisation: Empowering Business with Effective Insights** – Tata, Jun 2024 ([Credential](#))