

# Pawankumar B

M.Tech (Integrated) Software Engineering Student,  
Vellore Institute of Technology, Vellore.

## Education:

- Courses: OOPs in C++, DSA, Software Engineering, AI, Big data, System architecture & design, Internet Security, DBMS, Project Management, OS, Networks, Software Design Patterns.
- Campus ambassador for Chatwise.uk from Jan 2023 – Feb 2023
- Scores: 10th – 95.8 %, 12th - 83.3%

## Relevant Experience:

Lead Frontend Developer

**Valsco Technology Pvt Ltd**

Dec 2023 – Feb 2024

- Directed the development team in implementing Vue.js, driving a 20% increase in website development speed & enhancing user experience.
- Spearheaded a team of 9 frontend developers as Lead Frontend Developer at Valsco, a dynamic start-up, overseeing task assignment, code review, and project management.

Software Engineering Intern,

**Cllasify**

May 2023 – Aug 2023

- End to end Developed & deployed a React JS web application with Firebase backend, enabling authentication, student enrolment, group messaging and attendance tracking, and simplified school management tasks.
- Conducted unit testing experiments to evaluate the effectiveness of new features and optimizations, driving data-driven decision-making and product improvement initiatives.
- **Explore my deployment**

Event co-ordinator,

**Techstars Start-up weekend (Bengaluru)**

Nov 2022 – Apr 2023

- Coordinated the organization and execution of a successful tech-focused event as part of a cross-functional team, involved in defining objectives, budgets, and timelines, coordinating logistics, managing event registration and ticketing, and implementing post-event evaluations for improvement insights

## Certifications:

- AWS Certified Cloud Practitioner - Foundational (May -2023)
- Applied Data Science Powered by Google Developers (April -2023)

## Extra-Curricular:

- Pitched my Project idea (carbonFIX) at Techstars start-up event web3 in Bengaluru during India's Blockchain week in 2023. **View post**

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## Skills

**Programming language:** C++, Java, JavaScript ES6, Python, C.

**Libraries & Frameworks:**

- **Frontend:** HTML, React JS, Redux, Tailwind CSS
- **Backend:** Node, Express, Firebase, AWS
- **Database:** SQL, Firebase, AWS, MongoDB
- **AI/ML:** Tensorflow, keras, pyTorch, numpy, Pandas, seaborn

**Tools & Platforms:** Git, GitHub, Figma, AWS, Docker, vercel, Notion

## Projects:

**PeerMeet – Video Conferencing app**

WebRTC, AWS, React JS, Express, Vercel

- Building a web application using React and webRTC to build a peer to peer video conferencing app

**DanceHolic – AI Dance Teaching app**

React JS, Pose Detection Model Tensorflow

- This web app provides users with personalized dance instruction through real-time video analysis and comparison.

**CarbonFix – Carbon trading in blockchain**

Solana CLI, sugar, Metaplex, React, Tailwind

- CarbonFIX enables users to tokenize and trade carbon credits on the Solana blockchain, fostering a transparent and efficient marketplace for carbon trading.

**ChatApp**

React JS, Chat-Engine Library, Express

- Establishes real-time communication between users, facilitating seamless and secure messaging.

## Interests:

Hackathons – public Speaking – Sales  
– New Tech releases – AI/ML - coffee