

# YAVISH SAHRAWAT

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## ABOUT ME

I'm a passionate software developer driven by the desire to solve real-world problems through technology. With a strong foundation in full-stack development, machine learning, and natural language processing, I thrive in collaborative environments where I can contribute to impactful solutions. I am eager to take ownership, continuously learn, and build scalable, user-centric products that deliver measurable value.

## EDUCATION

Vellore Institute of Technology, Andhra Pradesh

B.Tech in Computer Science and Engineering (2022 - 2026)

## CERTIFICATIONS

- Full Stack Developer (MERN Stack) ' SmartInternz
- AWS Academy Graduate - AWS Academy Cloud Architecting

## EXPERIENCE

### Elite Forums ' Full Stack Developer Intern (Jan 2025 ' Mar 2025 | Mumbai (Remote))

- Developed and maintained a feature-rich web application using React.js, Node.js, and Firebase.
- Integrated Firebase Firestore to manage real-time data updates across user modules.
- Collaborated with the team to build user-centric features and resolve performance bottlenecks.
- Took end-to-end ownership of the profile dashboard and registration workflows, improving response time by 35%.

## PROJECTS

### Konnect ' Event Management Platform

- Built a real-time collaborative platform for hosting and managing campus events.
- Implemented features like user registration, event hosting, and live updates using Firebase and Firestore.
- Owned the full stack development and deployment lifecycle, leading to a 50% increase in student engagement.
- Technologies: React.js, Tailwind CSS, Node.js, Express.js, Firebase, Cloudinary

### Hierarchical Text Classification with DistilBERT

- Designed and implemented a hierarchical text classification model using DistilBERT.
- Applied NLP preprocessing and custom tokenization for multi-level label classification.
- Evaluated model performance using precision, recall, and F1-score, achieving 87% average accuracy.
- Technologies: Python, Hugging Face Transformers, Scikit-learn, PyTorch

### SwiftShip: AI-Capable Logistics & Delivery Platform

- Developed a full-stack, real-time web application to optimize last-mile delivery logistics, featuring role-based dashboards for admins, delivery agents, and customers.
- Engineered a smart route-generation algorithm to automatically assign pending packages to the nearest available agents, incorporating constraints like agent capacity.
- Implemented a secure, multi-provider authentication system (Email, Google, Phone OTP) with role management using Firebase.
- Technologies: React, Firebase (Firestore, Authentication), Leaflet.js, Recharts, Tailwind CSS.

## TECHNICAL SKILLS

- **Languages:** Java, Python
- **Frontend:** React.js, HTML, Tailwind CSS
- **Backend:** Node.js, Express.js
- **Databases:** Firebase Firestore, MongoDB, MySQL
- **Tools & Libraries:** Hugging Face Transformers, PyTorch, Scikit-learn, Git, Postman
- **Cloud:** AWS Services