BN Yashwanth

Full Stack Web Developer

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Summary

MERN Stack Developer with hands-on experience in building and deploying scalable full-stack web applications. Strong foundation in **Data Structures and Algorithms (Java)** and backend development using **Node.js, Express, and MongoDB**. Proven ability to deliver real-world projects, collaborate in hackathon environments, and deploy production-ready applications. Actively seeking internship opportunities to contribute to impactful engineering teams.

Skills

- ➢ **Programming Languages:** Java, JavaScript
- ➢ **Frontend:** HTML5, CSS3, React.js
- ➢ **Backend:** Node.js, Express.js, REST APIs
- ➢ **Database:** MongoDB
- ➢ **Tools and Version Control:** VS Code, Git, Github, Chrome DevTools, Postman
- ➢ **Cloud & Deployment Platforms:** Vercel, Render, MongoDB Atlas

Education

Dayananda Sagar College of Engineering (DSCE)-Bangalore

Bachelor of Engineering (B.E) in Robotics & Artificial Intelligence | 9.275/10   *2024-2028*

Projects

RFP-AI-Agent | MERN Stack

[Live Demo] | [GitHub Repository]

- Developed a **full-stack MERN application** enabling users to upload **RFP documents** and receive **AI-generated structured insights and summaries**
- Integrated **AI services** to extract key requirements, scope, and deadlines from uploaded RFP files
- Deployed using Vercel (frontend), Render (backend), and **MongoDB Atlas** (database) for seamless cloud access

Cargo-Guard AI | Streamlit

[Live Demo] | [GitHub Repository]

- Developed an **AI-driven cargo risk assessment system** using **Python and Streamlit**, enabling real-time analysis and decision support
- Implemented **secure JWT-based authentication** and integrated **AI/ML models** to analyse cargo data and generate actionable insights
- Designed and deployed **interactive dashboards** to visualize risk factors, alerts, and analytics on a **cloud-hosted Streamlit application**
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Data Structures & Algorithms [Profile]

- ➢ Strong foundation in Data Structures and Algorithms using Java
- ➢ Solved 150+ problems on LeetCode across arrays, strings, hashing, recursion, trees, and basic dynamic programming
- ➢ Active contest participant with a LeetCode contest rating of 1600+, ranked in the top ~20% globally
- ➢ Demonstrated consistency through 100+ active coding days and regular problem-solving practice

Work Experience

Freelance Full-Stack Web Developer (Self-Initiated Projects)

- Designed and developed **end-to-end MERN stack applications**, handling frontend development, backend APIs, and database architecture
- Built **student-focused full-stack web applications**, focusing on scalability, usability, and clean code practices.
- Delivered **responsive user interfaces** and managed deployments using **Vercel, Render, and MongoDB Atlas**

Achievements

- **Finalist, Vibe-Hack-2.0 Global Hackathon**, selected among the **Top 20 teams worldwide**
- Successfully deployed multiple MERN stack projects using Vercel, Render, and MongoDB Atlas
- Participated in InternShala Student Program (ISP)-2025

Certificates

- Full Stack Web development – Apna College   *January-2025*
- Data Structures and Algorithms (Java) – Apna College   *December-2025*