Bhavani Saladi

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Profile Summary

Full Stack Developer with experience in building scalable web applications using React, JavaScript, and the MERN stack. Currently learning Machine Learning with an interest in applying data-driven solutions to real-world problems. Proven team player with internship, hackathon, and open-source experience, seeking a Deloitte internship to contribute technical skills and analytical thinking.

Skills

Languages: Java, Python, C, JavaScript **Frontend:** HTML, CSS, React **Backend:** Node.js, Express, REST APIs **Databases:** MySQL, MongoDB **Machine Learning:** Supervised Learning, Model Training, Prediction Systems **Tools:** Git, GitHub, VS Code, Figma **Concepts:** OOP, Data Structures **Soft Skills:** Leadership, Teamwork, Communication

Experience

Software Engineer Intern, DevSecEngOps Mar 2024 - Present

- Developed responsive frontend features using React, improving application performance by 30%.
- Led UI/UX enhancements for internal dashboards using Figma, improving usability and clarity.
- Collaborated with a cross-functional 6-member Agile team using GitHub and daily standups.
- Built reusable components and integrated REST APIs for efficient frontend-backend communication.

Projects

BreatheSafe (MERN + GenAI) GitHub

- Developed a real-time Air Quality Index (AQI) monitoring system using external AQI APIs to display current and forecasted AQI data.
- Implemented personalized health guidance using the Gemini API, recommending mask type, safe outdoor timings, rest duration, and exposure levels based on user health conditions and AQI severity.
- Designed dynamic user workflows to handle multiple health profiles and risk categories, improving relevance and usability of recommendations.
- Built a scalable MERN architecture with MongoDB caching and alert mechanisms, reducing data load time by 25%.

Multiple Disease Prediction System (Machine Learning) GitHub

- Developed a machine learning-based web application to predict multiple diseases using structured user health inputs.
- Trained and evaluated supervised learning models to generate disease risk predictions with consistent accuracy.
- Performed data preprocessing, feature selection, and model validation to improve prediction reliability.
- Designed an intuitive input interface to make clinical parameters accessible to non-technical users.

Portfolio Website (React, Tailwind CSS) GitHub

- Built a modern, responsive portfolio website using React and Tailwind CSS to showcase projects, skills, certifications, and experience.
- Implemented reusable components and smooth animations to enhance user experience and performance across devices.

Education

RGUKT, Nuzvid - Computer Science and Engineering 2023 - 2027

CGPA: 9.0/10.0 Relevant Courses: Data Structures, DBMS, OOP, Operating Systems, Computer Networks.

Certificates

Infosys Pragati: Path to Future - Cohort 5 | Web Development Internship - Rinex | Web Development Course - Rinex | DBMS - Infosys Springboard | Programming Using Java - Infosys Springboard | Learning Python - LinkedIn Learning | UI/UX Web Design - GUVI (APSSDC) | Smart India Hackathon 2025 - Participation | Flipkart Grid Challenge - Participation

Achievements

3rd Prize - HackVyuha'25 | Infosys Pragati: Path to Future (Cohort 5) Scholar | CGPA: 9.0/10.0 | **GSSoC'25 Open-source Contributor** | **Flipkart Grid 7.0 Semifinalist**

Extracurriculars

- Interested in hackathons and innovation challenges focused on real-world problem solving.
- Open-source contributor through GSSoC with continued interest in collaborative development.
- Active member of Infotechies Club at RGUKT and volunteer for GeeksforGeeks campus body.
- Core developer of **Locus**, a startup idea addressing community-centric challenges.

Languages

Telugu (Native) | English (Professional Working Proficiency) | Hindi (Basic)