Battepati Rohan

+91 8523847706   rohanbattepati20@gmail.com   [Linkedin](#)   [Github](#)

SUMMARY

Detail-oriented and tech-savvy BCA graduate with a strong foundation in software development, data structures, and web technologies. Adept in Python, HTML/CSS/JavaScript, and SQL. Completed multiple academic and personal projects simulating real-world challenges. Eager to contribute to a growth-driven IT organization by leveraging hands-on technical skills and a problem-solving mindset.

EDUCATION

Vikrama Simhapuri University   **2022 - 2025**

Bachelor of Computer Applications (BCA)   Grade: 9.28/10

EXPERIENCE

BrainOvision Solutions Pvt. Ltd.   **Jun 2024 - Aug 2024**

Python Full Stack Intern

- Completed an 8-week internship focused on full-stack development using Python, Django, HTML, CSS, and JavaScript.
- Built web applications using Django, implemented forms, templates, views, and integrated with PostgreSQL/MySQL databases.
- Practiced frontend design using HTML5, styling with CSS, and creating interactive pages with JavaScript.

Cornerstone IT Solution   **Dec 2024 - Mar 2025**

MEAN Stack Web Development Intern

- Completed a structured 15-week internship focused on MEAN stack technologies (MongoDB, Express.js, Angular, Node.js).
- Developed full-stack web applications with responsive UIs, REST APIs, JWT-based authentication, and role-based access control.
- Gained practical experience in cloud deployment (AWS, Vercel), CI/CD, real-time features with WebSockets, and third-party API integrations.

PROJECTS

AI-Powered Resume Screener   [Link](#)

- Developed a full-stack web application to evaluate resumes against job descriptions using NLP and spaCy.
- Extracted skills from resumes and JDs, computed match scores, and generated downloadable match reports.
- Integrated user registration and login using Flask-Login; stored user and report data in SQLite with SQLAlchemy ORM.

Explainable AI Dashboard   [Link](#)

- Built an interactive dashboard to interpret machine learning models using SHAP values on the German Credit dataset.
- Created real-time global and local feature impact visualizations using Dash, Plotly, and Dash Bootstrap Components.
- Integrated SHAP with a trained Random Forest classifier to explain prediction behavior and decision logic.

Smart Farming Web Application   [Link](#)

- Developed a full-stack responsive smart farming web application for farmers to monitor real-time sensor data, AI insights, and live market prices.
- Integrated user authentication, profile editing with image upload, password management, and device tracking using Flask and SQLite.
- Designed and implemented AI Insights, Market Price Dashboard (eNAM), and Sensor Monitor View to simulate live sensor dashboards.

CERTIFICATIONS

[AWS Academy Cloud Foundations](#)

[Business Writing Techniques (CMS-3162x)](#)

SKILLS

- **Programming Languages:** Python, JavaScript
- **Web Development:** HTML5, CSS3, Bootstrap, React.js
- **Databases:** MySQL, SQLite
- **Tools:** GitHub, VS Code, Windows
- **Concepts:** OOP, Data Structures, MS Excel
- **Soft Skills:** Communication, Teamwork, Leadership, Time management, Problem-solving