

BHAVANA THOTA

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PROFESSIONAL SUMMARY

Aspiring Full Stack Developer with hands-on experience in front-end web development using React, HTML, CSS, JavaScript, and Bootstrap. Proficient in programming languages including Java and Python (Basic). Skilled in using GitHub for version control and collaborative development.

SKILLS

Languages	:	Java, HTML, CSS, JavaScript, Basic Python
Tools & Platforms	:	Git, GitHub, VSCode, Google Colab, Jupyter Notebook
Frameworks & Libraries	:	React, Bootstrap, AOS, Scikit-Learn, Pandas, NumPy, Matplotlib, Seaborn
Soft Skills	:	Problem-Solving, Strong Communication, Team Collaboration, Good Interpersonal skills

PROJECTS

WEATHER APP

Technologies Used: React, JS, CSS, OpenWeatherMap API, Fetch, CRA

[LINK](#)

- Implemented API-based dynamic weather data rendering with robust error handling and created a mobile-friendly UI using clean, reusable components for an enhanced user experience.

PERSONAL PORTFOLIO WEBSITE

[LINK](#)

Technologies Used: HTML, CSS, JavaScript, AOS (Animate on Scroll)

- Built a personal portfolio using HTML, CSS, and JavaScript, featuring an email-enabled contact form and a responsive navigation toggle for a seamless mobile experience.

SENTINEL NET

[LINK](#)

Technologies Used: Python, Scikit-Learn, Pandas, NumPy, Matplotlib, Seaborn

- Developed **Sentinel Net**, an ML-based IDS using the NSL-KDD dataset with full preprocessing, hybrid resampling, and feature encoding, achieving strong detection performance where Random Forest and Decision Tree models excelled in identifying minority attack classes.

EXPERIENCE

Artificial Intelligence Intern

Infosys Springboard (13-08-2025 to 08-10-2025)

- Developed an ML-based Intrusion Detection System using NSL-KDD & CIC-IDS-2017 with a full pipeline of preprocessing, encoding, and SMOTE-Tomek resampling.
- Implemented and evaluated Logistic Regression, Decision Tree, and Random Forest models, achieving up to 99%+ accuracy and improved minority attack detection.

EDUCATION

Bachelor of Technology (B.Tech) | CGPA: 9.59 (ongoing)

PBRVITS, Kavali

Expected Graduation: 2027

Intermediate | Percentage: 97.5%

Narayana Junior College, Kavali

Completed: 2023

CERTIFICATIONS & ACHIEVEMENTS

- Omdena – Building CropLogic Project Collaboration Certificate (Nov 18, 2025) — [Credential Link](#)
- Achieved first place in the coding contest organized by our college on March 24.
- Organized a 2–3 hours quiz competition attended by 50+ participants