BALA KRISHNA MAKINENI

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EDUCATION

B.TECH in Computer Science, RVR & JC College of Engineering CGPA: 8.0/10.0 — 2024

Intermediate(XII), Narayana Junior College CGPA: 9.46/10.0 — 2020

S.S.C(X), Narayana e-Techno School CGPA: 9.70/10.0 — 2018

SKILLS

Technical Skills:	C/C++, JAVA, Python, JavaScript, HTML5, CSS3, Git, Github
Frameworks:	Nodejs, Reactjs, Expressjs, Flask
Databases:	PostgreSQL, MongoDB

EXPERIENCE

Backend Developer Intern Feb 2024 - Present
NAATS Aviation pvt ltd. *Guntur, Andhra Pradesh*

- Built an API using Express.js that handles real-time data generated for each 50ms Deployed API on AWS EC2 instance.
- Interacted with cross-platform teams like Aeronautical Domain for a better understanding of project requirements.

Machine Learning Intern Apr 2022 - Jul 2022
Indian Servers *Remote*

- Proficient in Python programming, statistics, and machine learning algorithms using datasets from Kaggle.
- Developed a Convolutional Neural Network (CNN) for the detection of plant leaf diseases with an accuracy of 85.6% as an intern project.
- Applied Machine learning algorithms using Python libraries such as TensorFlow and Sci-kit learn.

PROJECTS

Blog Website: (Demo , Github)

- Programmed a blog web portal with Express.js and Node.js with MongoDB for data storage and retrieval.
- Integrated user authentication and authorization with Passport.js to hash passwords for enhanced security.
- Designed a responsive front-end interface with HTML, CSS, and JavaScript.

Weather web application: (Demo , Github)

- Developed a weather web application in React, utilizing OpenWeather API & GeoDB Api to provide real-time forecasts, and hosted the project on the Vercel cloud platform.
- Created different components such as a search bar and weather dashboard to enhance user experience.

CERTIFICATIONS

- Web development BootCamp - Udemy
- Programming in Java - NPTEL
- Python Programming - MTA Microsoft
- AWS Cloud Foundations - AWS Academy

ACHIEVEMENTS

- Solved 300+ coding questions on Leetcode,GFG and Codechef platforms.
- Qualified for 2nd round of Hero Challenge Season 8.
- Achieved 1st place in InformaTrix Coding contest conducted in college.