

BALA KRISHNA MAKINENI

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EDUCATION

B.TECH in Computer Science , RVR & JC College of Engineering	CGPA: 7.95/10.0	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*

- Developed an API using Express.js that acts as an interface between Mission Planner and Frontend.
- API handles real-time data generated by the Mission planner for each 50ms.

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](#))

- Developed 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.
- Developed 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.