

Dasari Bhanu Prasad

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Career Objective

AI/ML engineering student with a strong foundation in computer science fundamentals, including data structures and algorithms. Eager to implement scalable AI-driven solutions and collaborate effectively within cross-functional teams.

Education

Chandigarh University 2023 – 2027

B.Tech in Computer Science Engineering (AI/ML)

Relevant Coursework: Machine Learning, Computer Vision, Data Structures & Algorithms, Software Engineering, Computer Networks

Skills

Languages: Python, C, C++, MySQL

ML & Cloud Tools: Scikit-learn, Pandas, Matplotlib, Git/GitHub, Microsoft Azure

Concepts: Supervised Learning, Regression, Object-Oriented Programming, DSA

Soft Skills: Communication, Teamwork, Adaptability, Problem-Solving

Projects

F1 Race Pace Prediction Using XGBoost

- Developed a data-driven model to predict Formula 1 race lap times and rank drivers using FastF1 telemetry data.
- Integrated qualifying laps, sector timings, weather conditions, and team performance metrics.
- Trained an XGBoost regression model achieving strong predictive accuracy.
- Analyzed key race performance drivers through feature importance visualization.

AI Enabled Assistant for Laptop

- Created an intelligent virtual assistant enabling natural voice interaction and desktop task automation.
- Implemented speech recognition for hands-free command execution, including scheduling, reminders, email automation, and to-do list management.
- Designed modular workflows to automate repetitive tasks and support extensible command sets.
- Enhanced usability through real-time feedback and a scalable, modular architecture.

Achievements & Certifications

HackWithTricity Hackathon Finalist

- Secured a finalist position by developing innovative technical solutions in a competitive hackathon environment.

Certifications: Azure AI Fundamentals (Microsoft) — Introduction to Machine Learning (Duke University) — Structured Query Language – SQL (University of Colorado)