

# Prudvi Kumar Reddy. P

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**GitHub:** <https://github.com/Prudvi337>

## Professional Summary

Dedicated Computer Science student with expertise in AI, Machine Learning, and Data Science. Skilled in developing data-driven solutions, optimizing processes, and generating actionable insights. Proficient in full-stack development, eager to contribute technical skills and collaborative problem-solving abilities to drive innovation and excellence.

## Education

- **Bachelor of Technology in Computer Science & Engineering**  
Nalla Malla Reddy Engineering College | Hyderabad, Telangana  
2021 - 2025 | GPA: 8.67
- **Senior Secondary (XII)**  
Narayana Junior College | Renigunta, Tirupati, AP  
2020-2021  
GPA: 9.66

## Skills

**Programming Languages:** Python, C, Java, JavaScript

**Web Development:** HTML, CSS, React.js, Node.js

**Database:** MySQL, SQL

**Tools & Frameworks:** Git, TensorFlow, IBM Watson, Power BI, MS Office

**Other:** REST APIs, JSON, Unix/Linux environments, Cloud Platforms (AWS, IBM Cloud)

## Experience

### Power BI Intern, PWC (Micro-Internship) | Aug 2024

- Built high-impact dashboards, enhancing data visualization for strategic decision-making.
- Identified executive-level gender disparity through analysis, driving policy recommendations.

### AI-ML Intern, IBM Skills Build (Virtual) | Jun 2024 - Jul 2024

- Engineered AI automation workflows with IBM Watson, boosting operational efficiency.
- Optimized cloud deployment for scalability, improving service reliability.

### Data Science, TATA (Micro-Internship) | Nov 2023

- Performed advanced data processing on large datasets, enabling data-driven insights.
- Developed algorithms to accelerate data retrieval, enhancing analytical precision.

### Data Analyst, Accenture (Micro-Internship) | Nov 2023

- Created Python models for trend analysis and optimized data processes, boosting efficiency.
- Delivered interactive reports for executive teams, refining data-driven strategy.

### AI-ML Intern, AWS (Edu Skills) | Sep 2023 - Nov 2023

- Explored AI-driven analytics, researching transformative applications in machine learning.
- Researched industry trends, aligning skills with career opportunities in data science.

## Projects

### Kidney Stone Detection

Developed an ML model for kidney stone detection, optimizing classification accuracy.

**Technologies used:** Python, Scikit-Learn, IBM Watson Studio

### Water Quality Monitoring

Engineered AI-powered real-time water monitoring on IBM Cloud, streamlining data acquisition.

**Technologies used:** Python, IBM Cloud, APIs

### E-Books Library Website

Built a responsive educational platform with RESTful APIs for efficient content management.

**Technologies used:** HTML, CSS, JavaScript

### NEO Explorer

Interactive NEO tracking web app using NASA data, featuring 3D visualizations for engagement.

**Technologies used:** JavaScript, NASA API, 3D Graphics Libraries

### LearnByDoing

Developing a project-based learning platform designed for tech enthusiasts to gain hands-on experience by working on projects and receiving proper guidance.

**Technologies used:** React.js, Node.js, MongoDB

## Certifications

- [Python Essentials](#) - Cisco Networking Academy,
- [Machine Learning](#) - AWS Academy,
- [Cloud Computing](#) - AWS Academy,
- [Data Science](#) - Cisco Networking Academy,
- [Cyber Security](#) - Cisco Networking Academy,
- [Artificial Intelligence](#) - IBM Skills Build,
- [Foundations Associate](#) - Oracle University.