

# KRISHNA CHAMARTHY

## EDUCATION

**Bachelor of Technology in  
Computer Science**

**MIT World Peace University,  
Pune - B.Tech CSE**

AUG 2022 - MAY 2026

**CGPA:** 8.71/10

MIT WPU Merit Scholarship holder  
for 3 consecutive years

## SKILLS

**Languages:** Python, C++, C, C#,  
HTML, CSS, JavaScript, SQL

**Frameworks/Technologies:**  
Flask, Web Scraping, Node.js,  
React, MongoDB, Git

**Specializations:** Web  
Development, AI/ML  
Development, Solution Design,  
Database Management, API  
Development & Integration

**Soft Skills:** Problem solving,  
Attention to detail, Punctuality,  
Adaptability, Communication,  
Teamwork, Integrity

## CONTACT

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India

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

**LinkedIn:**  
<https://www.linkedin.com/in/krishna-chamarthy-291409187/>

## PROFILE

Highly motivated Computer Science student with strong skills in **Full-Stack Web Development, Backend Technologies, and Machine Learning**. Passionate about creating efficient, user-centric solutions, and eager to contribute to dynamic software teams in the areas of backend architecture or algorithm design.

## PROJECTS

### Exoplanet Detection and Classification

Python

[GitHub](#)

- Expanded a machine learning-based system to detect and classify exoplanets using data from the Kepler Space Telescope, improving accuracy to 99.5%.
- Optimized the model through cross-validation and hyperparameter tuning, reducing false positives by 15%.

### College Management System

React, Node.js, MongoDB

[GitHub](#)

- Developed a comprehensive college management system featuring student and faculty management.
- Increased traffic control efficiency by 30%.
- Utilized React for a dynamic user interface, Node.js for server-side logic, and MongoDB for data storage, streamlining administrative tasks and enhancing system efficiency.

### CurrExch - Currency Converter

Python, Dockerfile, Streamlit

[GitHub](#)

- Developed a Currency Converter Application using Streamlit and Python, enabling real-time currency conversion, historical trend analysis, and predictive modeling with AI, all packaged in Docker for seamless deployment.

### Path Finding Algorithm Visualizer

React (JS), CSS

[GitHub](#)

- Created an interactive tool to visualize pathfinding algorithms (Dijkstra's, A\*, BFS, DFS) using React for real-time rendering and dynamic UI. Achieved smooth animations at 60 FPS.