

# Karnati Sai Aditya

[Linkedin:](#) karnatisaiaditya  
[GitHub:](#) github.com/ksaiaditya

Email: [karnatisaiaditya@gmail.com](mailto:karnatisaiaditya@gmail.com)  
Mobile: +91-9063042107

## SKILLS

- **Languages:** C, C++, Java, JavaScript, PHP
- **Frameworks:** HTML and CSS, Bootstrap, NodeJS, React
- **Tools/Platforms:** MySQL, MongoDB, Tableau, GitHub, Power BI, Microsoft Excel, Vs code, IntelliJ, Eclipse, Apache Tomcat
- **Concepts:** Full-stack Development, Rest Apis, Machine Learning, Data Visualization
- **Soft Skills:** Problem-Solving Skills, Team Player, Project Management, Adaptability

## EXPERIENCE

### Cipher Schools (Summer Training)

Jun 2024 - Aug 2024

- Completed an intensive training program on Python, Data Science, and Machine Learning.
- Developed hands-on skills in Python programming (Pandas, NumPy), statistical analysis, and data visualization using Matplotlib and Seaborn.
- Built basic machine learning models (linear regression, KNN, clustering) and applied Advanced Excel for data manipulation.

### Wavefare Delights (Startup Development)

Dec 2023-Mar 2024

- Collaborated with a five-member team to ideate, develop, and pitch a food-based e-commerce startup.
- Designed and launched a full-stack responsive website with user authentication and payment integration.
- Presented the project during a university innovation expo and successfully secured institutional funding.

## PROJECTS

### Stock Market Data Analysis with Tableau

Jun 2024 - Aug 2024

- Analyzed historical data of major Indian stocks to study market trends and sector-wise growth patterns.
- Designed **4** interactive dashboards to visualize price movement, volume trends, and comparative indices.
- Helped identify investment patterns over a **6-month** window using filters and charts.
- Technologies: **Tableau, Excel.**

### Chatbot Development

Jun 2024 - Aug 2024

- Developed a text-based chatbot capable of handling simple queries and guiding users through predefined tasks.
- Integrated with spaCy for intent recognition and rule-based response generation.
- Successfully tested with **100+ queries** and maintained over **85% accuracy** in responses during testing.
- Technologies: **Python, spaCy, Flask.**

### Image Classification

Jun 2024 - Aug 2024

- Built an image classifier using Convolutional Neural Networks (CNN) to distinguish between 10 object categories.
- Achieved **88% test accuracy** on CIFAR-10 dataset using TensorFlow with data augmentation.
- Trained over 20 epochs and visualized training performance with Matplotlib and Tensor Board.
- Technologies: **Python, TensorFlow, NumPy.**

### Wave fare delights website

Dec 2023-Mar 2024

- Collaborated on a team startup project to build a functional e-commerce website for food ordering.
- Implemented key features like product listings, cart functionality, and Razorpay integration for payments.
- Demonstrated the platform in a university project expo, earning project funding of **₹20000** and positive feedback.
- **Technologies: React, Node.js, MongoDB, Bootstrap.**

## CERTIFICATES

- Python, Data Science & Machine Learning Integrated by Cipher Schools Jun 2024 - Aug 2024
- Design a CPU by Udemy Aug 2023- Sep 2023
- Become a Full-Stack Web Developer by LinkedIn. Jan 2023- Feb 2023

## ACHIEVEMENTS & EXTRACURRICULAR ACTIVITIES

- Secured funding from university for the Wavefare Delights startup.
- Completed summer training on Python, Data Science, and Machine Learning.
- Participated in a viva on stock market concepts and programming.
- **Participant, Smart India Hackathon**
  - Contributed to a team project aimed at solving real-world challenges through innovative technology solutions.
- **Math Tutor (NGO)**
  - Volunteered as a math tutor for students at an NGO, helping them understand core concepts and improve their academic performance.

## EDUCATION

- **Lovely Professional University** Punjab, India  
*Bachelor of Technology - Computer Science and Engineering; CGPA: 7.7* Since August 2022
- **Narayana Junior Collage** Adibatla, Hyderabad  
*Intermediate; Percentage: 95.9%* April 2020 - March 2022
- **Akanksha Children Academy** Meerpet, Hyderabad  
*Matriculation; Percentage: 95%* April 2016 - March 2020