

Chaitanya Umesh Rasane

Software Engineer — AI/ML Enthusiast — Full-Stack Developer

rasanechaiatanya@gmail.com — Talegaon Dabhade, Maharashtra, India

LinkedIn Profile

Professional Summary

Software Engineer specializing in AI/ML, Full-Stack Development, and scalable cloud-based solutions. Proficient in Python, Java, and modern frameworks for web and AI applications. Experienced in building real-time, data-driven systems and optimizing automation workflows. Adept at cross-functional collaboration, problem-solving, and developing cutting-edge AI models that enhance business intelligence and efficiency.

Technical Skills

- **Programming Languages:** Python, Java, JavaScript
- **AI/ML Frameworks:** TensorFlow, Scikit-learn, Pandas
- **Web Development:** HTML, CSS, React, Spring Boot
- **Databases:** MySQL, Firebase
- **Tools:** Git, Docker, AWS, Elasticsearch, Power BI

Work Experience

Projectverse.in *Software Engineer Intern* **Mar 2024 - Apr 2024**

- Developed an AI-driven customer churn prediction model, increasing retention by 20
- Automated data preprocessing pipelines, reducing data cleaning time by 40
- Created real-time dashboards to visualize key business insights, improving decision-making.

Codesoft *Data Science Intern* **Jan 2024 - Feb 2024**

- Designed and fine-tuned machine learning models, boosting accuracy by 25
- Built an AI-based recommendation system, increasing user engagement by 35
- Applied NLP techniques to automate sentiment analysis on customer feedback.

Projects

AI-Based Vehicle Selling Web Application **Sep 2024 - May 2025**

- Engineered a dynamic pricing model using machine learning, reducing pricing errors by 40
- Developed an interactive front-end with React and integrated AI-driven price negotiation.

- Deployed on AWS, ensuring high scalability and uptime.

WhatsApp Web Clone

May 2023 - Jun 2023

- Designed a real-time chat application with WebSockets and Firebase backend.
- Integrated Google authentication, enhancing security and user experience.
- Optimized backend API calls, reducing response times by 30

Education

Dr. D. Y. Patil College of Engineering and Innovation B.Tech - Computer Science and Engineering

2025

CGPA: 7.08 / 10

Certifications

Certification in Java Core covering OOP, Exception Handling, and Multithreading.

Certified Power BI Expert

2025

Expertise in data visualization, dashboard creation, and business intelligence analytics using Power BI.

DOT SPPU Workshop

May 2022

Data Science, Robotics, Electric Mobility

Trainings

Full Stack Java Training

TNS India Foundation

Jan 2025 - Mar 2025

- Hands-on training in front-end (HTML, CSS, JS), back-end (Java, Spring Boot), and databases (MySQL).
- Built and deployed full-stack applications following industry best practices.

Python with AI

FUEL Business School

Feb 2025 - Mar 2025

- Applied AI, ML, and Deep Learning techniques to real-world problem-solving.
- Developed neural network models to optimize predictive accuracy in data science applications.