

Chaitanya Uthale

Aspiring Full-Stack Developer | AI/ML Enthusiast | GenAI Specialist

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Introduction

Third-year Computer Science (Data Science) undergraduate with practical experience in GenAI, Prompt Engineering, full-stack development, and ML projects. Experienced in React, TypeScript and Python. Known for creating meaningful solutions and winning competitive hackathons.

Education

KIT's College of Engineering, Kolhapur Aspired to complete B.Tech in CSE (Data Science) & Cyber Security	2023 - 2027 9.09 CGPA
Shri Rajlaxmi Royal Academy of Science, Vita MHT-CET : 98.66 Percentile , HSC Board : 81.17 % , JEE : 88.20 Percentile	2021 - 2023
Shri Dharmraj Vidyalay and Junior College, Yetgaon SSC Board : 92.20 Percentile	2023

Work Experience

Apt-tech Solutions <i>Technical Associate</i>	October 2024 - February 2025 <i>Hybrid</i>
<ul style="list-style-type: none">Built and customized a responsive website using WordPress and Elementor.Developed and deployed dynamic features improving site interactivity by 82% through Hostinger.Managed hosting, performance tuning, and plugin integration for client needshttps://apt-techsolutions.com	July 2024 - November 2024 <i>Remote</i>

Pantech Solutions

Full Stack / GenAI Intern

- Completed a 3-month virtual internship focused on MERN stack and Generative AI technologies.

Projects

KIT CDC	August 2025
<ul style="list-style-type: none">Collaborated in a team to resolve the real-time problem for college regarding Training and Placement.Used TypeScript, React, college local server and college database for data storage.Shifting a tremendous and tedious process of manual intervention to completely digitalized and automated process.Managed large (5000+) students data with more than 30 parameters in efficient and improved organization efficiency by 70%.	
EcoCart	April 2025
<ul style="list-style-type: none">A Sustainable shopping assistant .Led integration of 8+ Google API's, 1 Open street Map. Implemented Web Scraping, OCR model.Implemented PWA for creating an Android compatible version. Implemented ML for data insights and LSTM (DL) model.Achievement: Winner of GDG Prabal 2025 Hackathon (SGU Kolhapur).GitHub - https://github.com/EcoCart05/EcoCart.Demo - https://drive.google.com/file/d/1cZBJEvjopWhaMODtGc0Yc4QJPv15Uq2K/view	

- Designed an optimized deep learning model based on Convolutional Neural Networks (CNNs) to identify leukemia from blood smear images.
- Applied image preprocessing methods and data augmentation to improve model generalization in medical image data.
- Scored high prediction accuracy (97%) on ALL-IDB dataset, facilitating early diagnosis of Acute Lymphoblastic Leukemia (ALL).
- Designed and trained the model on TensorFlow/Keras, and visualized performance with confusion matrices and learning curves.
- GitHub - <https://github.com/chaitanyaauthale5/Leukemia-Detection-model>.

Technical Skills

- **Programming Languages :** C, C++, Java
- **Web Technologies :** HTML, React, TypeScript
- **Backend Technologies & DB :** MySQL, PostgreSQL, Firebase
- **AI/ML :** Python, GenAI, Prompt Engineering
- **Tools :** Git, Canva, WordPress, Hostinger, Vercel

Certifications

- Completed **Forage virtual internship** 2025.
- Completed **Google cloud GenAI** 2025.
- Completed **Full Stack from Udemy** 2025.
- Completed **Spring Boot from Udemy** 2024.
- Completed **Full Stack, Canva, GenAI from Pantech Solutions** 2024.

Achievements/Awards

- **Winner - GDG Prabal Hackathon 2025 (2nd place out of N number of teams).** Built "EcoCart" - a sustainable AI-driven shopping assistant with integration of 8+ Google API's, OCR model, LSTM model, and much more.
- **Selected for finals among top 350 teams** for Odoo Hackathon 2025.