

# SUYASH PATIL

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## OBJECTIVE

Second-year B.Tech student in Artificial Intelligence and Machine Learning seeking the Internships. Eager to apply strong foundations in data structures, algorithms, and full-stack development while contributing to and learning from large-scale systems and real-world engineering challenges.

## EDUCATION

<b>Bachelor of Technology in Artificial Intelligence and Machine Learning</b>	2024 – 2028
Walchand College of Engineering, Sangli	CGPA: 7.0/10.0 (ongoing)

<b>Higher Secondary Certificate (HSC)</b>	2023
Maharashtra State Board	Percentage: 60%

<b>Secondary School Certificate (SSC)</b>	2021
Dudhganga Public School	Percentage: 86%

## SKILLS

<b>Technical Skills</b>	C++, Python, JavaScript, Data Structures & Algorithms
<b>Web Technologies</b>	HTML, CSS, Tailwind CSS, React.js, Next.js, Node.js
<b>Machine Learning</b>	Scikit-learn, Pandas, Regression, Classification, Model Evaluation
<b>Tools</b>	Git, GitHub, VS Code, Firebase, Cloudinary, Prisma, NeonDB

## EXPERIENCE

<b>Frontend Developer &amp; Team Leader</b>	TechSprint Hackathon — 2025
<ul style="list-style-type: none"><li>Collaborated in a 3-person team to design and deploy a functional software prototype under a 24-hour deadline.</li><li>Led frontend development with JavaScript and React.js, solving logical challenges and integrating real-time features.</li><li>Honed debugging, teamwork, and rapid iteration skills in a high-pressure competitive environment.</li></ul>	

## PROJECTS

**Cloudinary-Based Media SaaS Platform**  
Developed a scalable media management app using Next.js, TypeScript, Prisma, and NeonDB. Implemented secure authentication (Firebase), optimized uploads, and real-time image transformations for 2x faster performance.

**Movie Recommendation System**  
Built a hybrid recommender with Python, Pandas, and Scikit-learn, blending collaborative and content-based filtering. Achieved 85% Precision@5 and 78% Recall@5 on MovieLens dataset.

**Custom ML Chatbot**  
Engineered an intent-based chatbot in Python with Scikit-learn, including TF-IDF vectorization and classification for 92% intent recognition accuracy on custom dataset.

**Smart Expense Tracker**  
Created a React.js app with integrated regression model (Scikit-learn) to forecast spending trends, featuring dynamic visualizations and Firebase backend.

## ACTIVITIES & ACHIEVEMENTS

- Completed **Google AI Essentials** certification (10-hour curriculum), mastering 5+ generative AI tools.
- Achieved **2-Star** rating on CodeChef (Max Rating: 1421).
- Solved **350+** data structures and algorithms problems on LeetCode, Codeforces, and CodeChef.
- Self-taught software engineering and ML through 4+ personal projects, exploring deployment and optimization.