Abhay Patgar

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CAREER OBJECTIVE

Aspiring Backend Engineer and AI/ML Enthusiast with experience in building scalable APIs, AI-driven applications, and blockchain solutions. Proficient in Python, Flask, and modern frameworks, with a strong focus on innovation and open-source development. Passionate about solving real-world problems through technology while constantly learning and evolving.

EDUCATION

City Engineering College — Banglore, Karnataka
Bachelor of Engineering — 2020 - 2024
- Computer Science and Engineering
- CGPA 6.8

EXPERIENCE

Edunet Foundation — Banglore, Karnataka
Full-stack Web Developer Intern — Dec 2023 - Jan 2024
- Completed a 6-week internship program as part of the Next Gen Employability Program 2023-24.
- Gained valuable skills and hands-on experience by working on real-world projects.
- Internship led by EY Global Delivery Services in collaboration with AICTE.

Rayabhari Technologies Pvt. Ltd. — Banglore, Karnataka
Machine Learning Intern — Sep 2023 - Oct 2023
- Developed backend for an AI image recognition app using Flutter and Python
- Designed APIs for image processing utilizing TensorFlow and Transformers libraries
- Implemented Flask framework for efficient backend development
- Collaborated with cross-functional teams to integrate backend services with the frontend

LEADERSHIP & ACTIVITIES

Sentinel Hack 3.0
Team Leader
- State-level hackathon conducted by KSIT, Bengaluru
- Led a team to develop a road clearance system for rescue vehicles

e-Yantra Robotics
Team Leader
- Conducted By: IIT Bombay
- Spearheaded the development of a robotic weeder for agriculture

Research Paper
Co-Author
- Title: "Online Blockchain-Based Certificate Generation and Validation System"
- Journal: International Journal of Emerging Technologies and Innovative Research (JETIR)
- Details: Published in Volume 11, Issue 5, May-2024, Pages 459-463
- URL: JETIRGG06071
- DOI: 10.1729/Journal.39878

SKILLS

- Intermediate in C/C++
- Intermediate in Python, Flask
- Intermediate in Machine Learning
- Design Tools: Intermediate Figma
- Project Management

LANGUAGES

- Kannada (Native / Bilingual)
- Hindi (Native / Bilingual)
- English (Professional Working Proficiency)
- Japanese (Limited Working Proficiency)

PERSONAL INFORMATION

Pup-Predict
- Technologies Used: Flutter, Python
- Engineered an AI image Classification app to identify dog breeds from user-uploaded images
- Created a server-side solution for processing and recognizing dog breeds

0xCertify
- Technologies Used: Python, JavaScript, Solidity
- Developed a blockchain-based platform for certificate generation and validation
- Implemented a Learning Management System to complement the certification process