

Abhay Patgar

abhaygp18.dev@gmail.com | 9986905655 | [Abhay Patgar](#) | github.com/darkbits018

Education

City Engineering College

Bachelor of Engineering. CGPA 6.8

Relevant Coursework: Computer Science and Engineering

Banglore, Karnataka

July 2024

ICS Mahesh PU College

Pre-University. Percentage: 71%

Relevant Coursework: PCMCs

Dharawad, Karnataka

March 2020

Experience

Rayabhari Technologies Pvt. Ltd.

Intern

Banglore, Karnataka

September 2023 - October 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

Sentinal 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](https://www.jetir.org/papers/JETIRGG06071)
- **DOI:** [10.1729/Journal.39878](https://doi.org/10.1729/Journal.39878)

Skills

Technical Skills

- Operating Systems: Windows, Linux, macOS
- Web Technologies: HTML, CSS, JavaScript, Jekyll
- Programming Languages: Intermediate in C/C++,

Python, Flask

Basic knowledge of Ruby, PHP

- Design Tools: Intermediate Figma

- Project Management

Language

- Kannada (Native)
- Hindi (Native/ Bilingual)
- English (Fluent)

Projects

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
- GitHub: [Pup-Predict](#)

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
- GitHub: [0xCertify](#)

Atom Simulation

- Technologies Used: C/C++, OpenGL
- Programmed a computer graphic simulation demonstrating the electronic configuration of elements
- Enhanced the project with plans to include a graphical menu and additional elements
- GitHub: [Atom Simulation](#)