

PAVAN KULKARNI

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OBJECTIVE

Computer Science graduate proficient in Python, SQL, and software development fundamentals. Certified in AI/ML and Full Stack Development. Developed assistive technology using computer vision (OpenCV). Seeking an entry-level IT role to apply technical skills in software development, data-driven applications, or AI-based solutions.

EDUCATION

B.E. in Computer Science Navodaya Institute of Technology (VTU), 2020–2024-CGPA: 7.6

12th Grade – Pramana Education, Karnataka Board, 2020 — 68%

10th Grade – Infant Jesus School, Karnataka Board, 2018 — 74.24%

TECHNICAL SKILLS

Programming	Python, C++, SQL (MySQL), HTML, CSS
AI/ML	PyTorch, OpenCV, CNN, Neural Networks
Tools	Git, Jupyter Notebook, PyCharm, VSCode

PROJECTS

Personal Portfolio Website

Tech Stack: HTML, CSS, GitHub Pages

- Designed and developed a responsive personal portfolio to showcase projects, skills, and resume.
- Implemented smooth UI, section-based navigation, and hosted it using GitHub Pages.
- Link: cj202.github.io/pavan-portfolio

Virtual Eye Mouse

Tech Stack: Python, OpenCV, Haar Cascades

- Developed assistive tech to track eye movement and control cursor for physically challenged users.
- Achieved video processing latency under 200ms for real-time performance.

MNIST Digit Classification

Tech Stack: Python, PyTorch, Neural Networks

- Built a deep learning model to classify handwritten digits using the MNIST dataset.
- Implemented convolutional neural networks (CNN) and achieved high validation accuracy.

AI/ML INTERN

1 Month

AI/ML Intern 1 Month Airobosoft Products and Services LLP Remote

- Trained in machine learning models and data preprocessing techniques.
- Earned certification in Artificial Intelligence Machine Learning.

CERTIFICATIONS

- Full Stack Development — Pyspiders
- Python Programming — Udemy
- Data Science — HP LIFE

SOFT SKILLS

Problem Solving, Analytical Thinking, Adaptability, Teamwork