

# 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

<b>Programming</b>	Python, C++, SQL (MySQL), HTML
<b>Data Engineering</b>	ETL, Data Modeling, Real-time Processing
<b>Cloud</b>	Data Engineering, Microsoft Azure, Databricks
<b>AI/ML</b>	PyTorch, OpenCV, CNN, Neural Networks
<b>Tools</b>	Git, Jupyter Notebook, PyCharm

## 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](https://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