

# PRATHAM AJERU

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## Summary

As a passionate Computer Science Engineering student, I have a solid foundation in Python and SQL and a basic working knowledge of Java and JavaScript. My studies focus on data structures, algorithms, and software development, complemented by hands-on experience in web development and database management. Eager to apply my skills, I'm driven to take on new challenges that foster growth and innovation.

## Skills

**Languages:** Python, C, C++, HTML, CSS, JavaScript, Java, SQL

**Libraries & Tools:** OpenCV, Numpy, VSCode, Git, Google Compute Engine, Google Colab, Wordpress, Roku

**Operating System:** Windows, Ubuntu, Kali Linux

**Soft Skills:** Leadership, Teamwork, Creative thinking, Problem Solving

## Projects

### NatyaNirmithi

May 2024 – Present

*Machine Learning Project*

*Python, OpenCV, Numpy*

- Currently developing a model to generate captions for Bharatanatyam dance, integrating machine learning to enhance cultural preservation and education.
- Utilizing CNN and SVM models for image feature extraction and caption generation.

### Portfolio Website

May 2024 – June 2024

*Personal Portfolio Website*

*HTML, CSS, JavaScript*

- Developed and deployed a responsive portfolio website to showcase my projects, skills, and experience.
- Hosted on GitHub Pages with continuous deployment and maintenance: [pathu10.github.io/Portfolio](https://pathu10.github.io/Portfolio)

### Bank Database System

Aug 2023 – Dec 2023

*Database Management Project*

*PHP, SQL, HTML, CSS*

- Enhanced database functionality and operations for user, cashier, and manager sessions, with good interface.
- Implemented a streamlined login system for secure role-based access.

## Experience

### Flutter Intern

June 2022 – Aug 2022

*QSpiders*

*Bengaluru, India*

- Gained hands-on experience in mobile app development by building and optimizing cross-platform applications.

### NGO Member

July 2023 – Present

*Akanksha Charitable Trust*

*Puttur, Karnataka*

- Leading workshops to empower and educate communities through various initiatives.

## Accomplishments

- Open Source Contribution
- Workshop Coordinator(Roku, GitHub, HTML)
- Yakshagana Artist

## Education

### Bachelor of Engineering - CSE

2021-Present

*Vivekannada College of Engineering and Technology, Puttur*

*CGPA: 9.21*

### Pre-University - PCMC

2019-2021

*Narendra Pre University College, Puttur*

*Percentage: 98.16*

### SSLC

2019

*Pragathi High School, Kukkaje*

*Percentage: 93*

## Certifications

- Google Cybersecurity from Coursera
- Google AI Essentials from Coursera