

# PAREEKSHITH K V

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## PROFILE SUMMARY

Computer Science graduate with expertise in Python, machine learning, and data analysis. Proficient in algorithm design, web technologies, and Django framework. Skilled in database management and delivering scalable software solutions. Collaborative team player with a proven track record of developing high-impact projects and driving results.

## EDUCATION

### Bachelor of Engineering

Visvesvaraya Technological University

Computer Science and Engineering – 6.71 CGPA

2020 - 2024

Kodagu, India

## SKILLS

- **Programming Language:** Python, JavaScript, Object-Oriented Programming.
- **Web Development:** HTML, CSS, WordPress.
- **Frameworks:** Django, Bootstrap.
- **Databases:** Oracle SQL, My SQL.
- **Data & Analytics:** Excel, Data Visualization.
- **Software & Tools:** VS Code, GitHub.

## PROJECTS

### Human Detection and Following Drone | Final Year Project:

May - 2024

- **Hands-on Work:** Assembled a drone using Raspberry Pi, APM 2.8, GPS module, and Pi Camera for real-time video streaming. Developed human detection and tracking using OpenCV and TensorFlow.
- **Skills & Knowledge Gained:** Implemented ML-based tracking with OpenCV and TensorFlow, Worked with Raspberry Pi, GPS modules, and motor controllers.
- **Use Cases:** Search & Rescue, Security Surveillance, and Autonomous Photography.

### Portfolio | Front-end Project:

February - 2025

- **Hands-on Work:** Designed and developed a responsive portfolio website using HTML, CSS, JavaScript, and Bootstrap, Integrated projects showcase, contact forms, and social media links for better engagement.
- **Skills & Knowledge Gained:** Created a user-friendly and visually appealing layout. Published and maintained websites using GitHub Pages
- **Use Cases:** Personal branding, professional portfolio, and project showcase.

## CERTIFICATIONS

- Cloud Computing and Distributed System
- Amazon Web Services
- Pandas
- SQL

## INTERNSHIPS

### Machine Learning Intern:

August - 2023

- **Hands-on Work:** Developed and deployed machine learning models, performed data preprocessing, including cleaning, analyzing, and visualizing data.
- **Skills & Knowledge Gained:** Learned advanced data cleaning techniques to handle missing data, gained experience in data analysis to extract insights from datasets.
- **Areas of Expertise Developed:** Data cleaning and preprocessing, Data visualization for effective representation of findings.

### Python Full Stack Trainee:

July – 2024

- **Hands-on Work:** Worked on front-end (HTML, CSS, JavaScript), back-end (Django) and Integrated databases.
- **Skills & Knowledge Gained:** Strengthened full-stack development concepts, Improved database integration and server-side logic handling.
- **Areas of Expertise Developed:** Front-end and back-end development, Database design and integration, Web application deployment.

## ACTIVITIES

- **Active Rotaract Club member for 5 years:** Held leadership roles, organized community projects, and enhanced teamwork