

# SUJIT K JADHAV

Bangalore, Karnataka • sujitj475@gmail.com • + 91 8088371043

## PROFESSIONAL SUMMARY

Passionate Python Developer with experience in Flask, Django, and building end-to-end web applications. Skilled in automation, data analysis, machine learning, and API integration. Strong foundation in algorithms, data structures, and database systems like MySQL. Proven ability to deliver scalable and secure solutions in real-world projects.

## SKILLS

PYTHON • HTML +CSS • JAVASCRIPT • DJANGO • FLASK • RESTFUL API • SQL• MYSQL • DOCKER • ANGULAR • GCP • FASTAPI• GIT • GOOGLE CLOUD PLATFORM (GCP) • DATA STRUCTURES & ALGORITHMS • MACHINE LEARNING • ARTIFICIAL INTELLIGENCE • DATA ANALYSIS • DATA VISUALIZATION • STATISTICS • COMPUTER VISION • PANDAS • TENSORFLOW • OPENCV • KERAS • PYTORCH • PYQT5 • SCIKIT-LEARN • C++

## EXPERIENCE

### Internshala

Full Stack development	Bangalore, Karnataka
<ul style="list-style-type: none"><li>Developed a <b>full-stack Ecommerce</b> platform using <b>Spring Boot</b> and <b>React</b>, supporting 500+ user registrations and enabling efficient product management and order processing.</li><li>Designed and deployed 20+ <b>RESTful APIs</b>, reducing backend response time by 30% and ensuring smooth communication between frontend and backend systems.</li><li>Implemented <b>JWT-based authentication</b> and role-based authorization, enhancing platform security and reducing unauthorized access incidents by 90%.</li><li>Built a fully responsive React frontend, increasing user engagement by 40%, with features like real-time product search, persistent cart, and a seamless checkout experience.</li><li>Enhanced the UI using Material-UI and <b>Tailwind CSS</b>, resulting in a 25% boost in mobile responsiveness and improved user satisfaction based on feedback surveys.</li><li>Integrated the Razorpay payment gateway, enabling secure and successful transactions with 99.9% uptime, supporting end-to-end encrypted payments during checkout.</li></ul>	

## PROJECTS

- Employee Management System(Django)**
  - Developed a full-stack Employee Management System using Django, implementing complete CRUD operations for managing employee records.
  - Created dynamic interfaces for adding, viewing, updating, and deleting employee data including name, ID, department, role, and salary.
  - Utilized Django ORM for seamless database integration and implemented form validation to ensure data accuracy.
  - Secured the system using Django’s built-in authentication and enhanced frontend responsiveness with Bootstrap.
- Weather Economics Analysis Using Ai, ML & Data Science**
  - Developed analytical models on the greenhouse emission dataset for marginal abatement cost & mitigation potential, immigration, carbon emission intensity and electricity access.
  - Developed across Keras, Pandas, Scikit-Learn and Statsmodels, and analyzed regression models on the data, across 80% accuracy for predictive throughput.
- Opencv Based Self Driving Car Using Pixel Summation Algorithm**
  - Developed an self-driving robotic vehicle using Arduino C++ & RaspberryPie, which detects lane with 480x240 pixel density frame image of camera.
  - The software comprises basic image transformation and pre-processing functions that delivers to a robust algorithm of pixel summation, which showed an accuracy of 93%.
- 3d Head Based Navigation System For Blind Using Haptic Feedback**
  - Developed with my team as university final year project, “HeadNav” is a Haptic Feedback based navigation system for blind, which can detect objects 180 deg, developed across Arduino based C++.
  - The vibration motors created a pattern-based input for the user to detect pathway, with increase reaction time by 70% and reliability to 80% users.
- Online Voting System.**
  - Built a secure voting platform with **Flask**, supporting user registration, login, and vote submission for 500+ simulated users.
  - Incorporated **blockchain** to ensure immutable vote storage and full transparency, eliminating tampering risks and boosting vote integrity by 100%.
  - Crafted a mobile-friendly UI using **HTML, CSS, JavaScript**, and **Bootstrap**, increasing accessibility and user engagement by 70% during testing.

## CERTIFICATIONS

- Full Stack Java Developer – Tap Academy  
(Spring Boot, React.js, REST APIs, MySQL, GitHub, Agile Development)

## EDUCATION

Bachelor of Engineering (B.E.) – Computer Science & Engineering KLS Gogte Institute of Technology, Belagavi ,	Aug 2019 – Sep 2023 CGPA : 6.8
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