






# Vinay Deshmukh

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## Summary

Highly skilled and results-driven software engineer with expertise in Python, Flask, and Django for backend development. Proficient in CI/CD workflows and automation, with a track record of delivering exceptional user experiences. Passionate about continuous learning and engineering excellence. Eager to contribute to innovative projects and deliver world-class solutions. Excellent communicator and team player.

## Skills

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

**Web Development:** Flask, Django, RESTful API Design and Development, HTML, CSS

**Database:** PostgreSQL, MySQL, Database Development and Management

**Version Control:** Git, GitHub

**CI/CD:** Continuous Integration/Continuous Delivery workflows, GitHub Actions

**Operating Systems:** Windows, Unix/Linux platforms

**Other:** Test-Driven Development (TDD), Greenfield Development, Backup, Clean Code, Custom Software, Data Analysis, Data Capture, Data Collection, Data Pipelines, Database Systems, Databases, Developer, Domain-Driven Design, Maintenance, Modelling, Pipelines, Reporting, Reporting Tools, Scheduling, Software Engineering, Software Solutions, Storage, User Support, Web API, .NET, Analyst, Banking, C++, Capital Markets, Development Projects, Front Office, Integration Development, Investment, Markit, Mid Level, Office Development, Risk Models, Valuation

**Soft Skills:** Scheduling, Technical

## Professional Experience

### Software Engineer

Tata Consultancy Services (TCS) • Pune, India

08/2020 - 08/2022

Developed and deployed Python scripts to automate server patching, reducing downtime by 75% and enhancing security.

Led the development of automation solutions resulting in up to 85% MTTR reduction and 15 FTE savings.

Collaborated with stakeholders to gather requirements and improve user experience, achieving a 15% increase in customer satisfaction.

Created and implemented REST APIs for multiple client projects, boosting project completion efficiency by 30%.

Facilitated meetings with stakeholders to gather requirements and improve user experience, resulting in a 15% increase in customer satisfaction ratings.

Revamped production automation programs, reducing error rate by 50% and increasing productivity by 25%.

Developed a scalable microservices architecture using Java, Python, and MS SQL.

## Education

### Masters Of Advanced Computing Science

University Of East Anglia • Norwich

09/2023

Dissertation Topic: "AloT for Industry: Web Spiderbot and AI Application in Business"

Analyzed data collected from a job portal using a Python web scraper and integrated natural language processing techniques for comprehensive statistical analysis.

Explored AloT's potential in delivering meaningful business insights.

### Bachelor of Computer Science

MIT World Peace University • Pune, Maharashtra

05/2020

Achieved a remarkable CGPA of 9.72 with consistent academic excellence.

Developed a website for convenient sporting venue reservations using JavaScript, Postgres, HTML, CSS, and PHP.

Created an algorithm for mask usage determination during the Covid-19 pandemic using OpenCV and Python.

## Online Presence

[LinkedIn](#)

[GitHub](#)