

# Kamlesh Kumar

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## Summary

Motivated MCA student with strong programming foundations in Python, Java, HTML/CSS, and hands-on project experience in Flask, Django, and full-stack web applications. Passionate about building scalable software solutions and eager to learn modern technologies including DevOps, Cloud Computing, and Data Engineering. Currently enhancing real-world experience through internships, certifications, and project-based learning.

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## Education

### Master of Computer Applications (MCA)

Pandit Ravishankar Shukla University, Raipur — Expected July 2025 | CGPA: 7.5

### Bachelor of Science (Computer Science)

Shaheed Nand Kumar Patel University — 2020–2023 | CGPA: 7.35

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## Technical Skills

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

**Frameworks/Tools:** Flask, Django, SQLite, PostgreSQL, Git, Bash

**Web Development:** REST API, JWT Authentication, CRUD apps

**Software Engineering:** OOP, SDLC, Version Control (GitHub), Agile Basics

**Cloud/DevOps:** Linux CLI, Deployment (Heroku/Render)

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## Projects

### Medical Billing System (Django + PostgreSQL) [LINK](#)

Developed secure backend with JWT Auth and dynamic forms. Built API endpoints and integrated PostgreSQL for managing medical invoices.

### Teacher Review System (Flask + SQLite) [GitHub](#)

Backend-driven feedback application with data visualization using Chart.js. Focused on routing, DB integration, and static file handling.

### Quiz App | Flask, JavaScript, HTML/CSS [GitHub](#)

Dynamic quiz application with backend logic in Python.

### IP Scanner Tool (Python) [LINK](#) [GitHub](#)

Python tool for resolving domain names, retrieving WHOIS information, and basic port scanning.

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## Internship Experience

### Adyant-SoftTech – Full-Stack Web developer (Currentaly)

Working on a Medical Billing System using React (frontend) and Django + PostgreSQL (backend).

### Vault-Tec Security – Cybersecurity Intern (Sep–Nov 2024)

Built tools for password generation and IP reconnaissance using Python.

### Acmegrade – Cybersecurity Intern (Jul–Sep 2024)

Worked on OSINT, protocol analysis, and lab-based phishing simulations.

### ShadowFox – Intern (Oct 2024)

Practiced tools like Metasploit and Veracrypt in ethical hacking environments.

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## Certifications

CISCO : [Networking Basics](#)

Amazon : [AWS Educate Getting Started with Networking](#)

NPTEL – [Ethical Hacking](#)

NPTEL – [Practical Cybersecurity](#)

CompTIA Network+ (In Progress)

CompTIA Security+ (In Progress)

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## Additional Activities

[TryHackMe](#): Completed rooms on Passive Recon and King of the Hill

[picoCTF](#): Practicing cryptography and reverse engineering challenges