

PRATHAM MITTAL

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EDUCATION

Year	Degree/Certificate	Institute	CGPA
2023-2027	B.Tech(Computer Science Engineering)	VIT Bhopal University	8.85

WORK EXPERIENCE

IBM

May 2025 - July 2025

DevOps Intern

- Gained Hand-On-Experience on **Docker, CI/CD pipeline, Ansible** and some other DevOps tools.
- Manage continuous **Deployment pipelines** using tools like **Jenkins, GitHub Actions**
- Engineered actuarial valuation models to compute using **Gradient Descent Algorithms**

PROJECTS

Eye Disease Prediction

Sep 2025 – Dec 2025

Objective: Model that can **analyse retinal images**

- Built full-stack app with **Python, TensorFlow, Keras, PyTorch, OpenCV, Scikit-learn**
- Integrated secure authentication, external **APIs, RESTAPIs** and optimized data flow
- Individual Project

Game of Cyber Security

Feb 2025 – Mar 2025

Objective: A small CTF platform where players **solve CyberSecurity** challenges

- Built this **using PyGame, Tkinter and Flask**
- Frameworks used are **ReactJS, NodeJS and Phaser.js**
- A fun interactive with features of **password cracking, SQL injection, Cryptography, Forensics, Steganography**

CERTIFICATIONS

- Machine Learning – NPTEL
- Python Programming – HackerRank
- DevOps Fundamentals – IBM

SKILLS

Programming Languages
Frameworks/ Libraries/ Software
Database/ Cloud/DevOps Tools

Python, C, C++, SQL, JavaScript, TypeScript, Java, HTML, CSS
ReactJS, NextJS, NodeJS, ExpressJS, VS Code, Figma, MATLAB
MySQL, MongoDB, Redis, Git, GitHub, Aws, Docker, Kubernetes