

Prathamesh Shukla

🏠 [Nashik, India](#) 🌐 [Github](#) 📞 [+917378304440](#) 📁 [Leetcode](#) 📁 [Hackerrank](#) 🔗 [Linkedin](#) ✉️ psshukla02@gmail.com

EDUCATION

Manipal University Jaipur

July 2023

Bachelor of Technology in Computer and Communication Engineering (Minor in Cloud Computing) CGPA: 7.99/10

EXPERIENCE

PureSoftware | Engineer Trainee

February 2023 - November 2023

- Engineered a high-impact Employee Management System for 1000+ employees, seamlessly integrating Angular and Django REST Framework for optimal efficiency.
- Developed a robust Student Management System using .NET Framework and React to view and manage records of 8000+ students affiliated with a college.
- Built an Employee Management System with a .NET Entity Framework API for efficient data handling from an MSSQL server. Improved frontend using Blazor, achieving a 25% faster loading time than React.
- Wrote 250+ SQL Queries during the DBMS training.
- Technologies used: **TypeScript, Angular, Django, React, Spring Boot, C#, .NET, Blazor**

Celebal Technologies | Summer Intern

June 2022 - August 2022

- Architected and implemented a cloud-based REST API utilizing Microsoft Azure and Python's FastAPI framework, enabling efficient Create, Read, Update, and Delete operations with the help of 4 API endpoints.
- Technologies used: **Python, FastAPI, Microsoft Azure**.

Cisco | Virtual Intern

April 2022 - June 2022

- Acquired practical expertise with Cisco Packet Tracer, and mastered concepts of network security.
- Technologies used: **Python, Cisco Packet Tracer**.

ADIT | Web Developer

August 2021 - December 2021

- Designed and Produced 5+ prototype websites for booking hotels, hostels, and restaurants using WordPress.
- Technologies used: **WordPress, Wix**.

SKILLS

Languages: Python, Java, JavaScript, TypeScript, C#, HTML, CSS, SQL

Frameworks: React.js, Angular, Phaser, Node.js, Blazor, Springboot, Flask, FastAPI, Django Rest Framework, Entity Rest Framework, Hibernate

Others: Microsoft Azure, Google Cloud Platform, MongoDB, MySQL, MSSQL, GitHub, WordPress

PROJECTS

Slot Game | Phaser, JavaScript, Springboot

September 2023 – November 2023

- Developed a 3x5 Slot game using Phaser and Java Springboot .

FocusFlow: Activity Tracker | React, Java Springboot, Java, JavaScript

March 2023 – July 2023

- Developed a Task Management System using ReactJS and Java Springboot.

Pneumonia Detection using CNN | CNN, TensorFlow, Python

June 2022 – July 2022

- Built a Convolutional Neural Network to classify if a person is infected with pneumonia.

- Multimodal Biometric Authentication System.** | *CNN, TensorFlow, Python* February 2022 – May 2022
- Developed a robust Multimodal biometric authentication system by implementing a Convolutional Neural Network for image classification and user authentication, achieving 87% and 85% accuracy in Facial and Fingerprint models respectively.
- Sorting Algorithm Visualizer** | *Python, PyGame.* November 2021 – December 2021
- Created a Sorting algorithm visualizer of Heap Sort and Merge Sort.
 - Explained the concepts in the flipped classroom using the algorithm visualizer.
- Instagram automation using Selenium.** | *Python, Selenium, Microsoft Azure.* June 2021 – July 2021
- Engineered an algorithm that automated the process of uploading reels on Instagram at a scheduled time with the most optimized tags to ensure maximum engagement.
- Hostel Management System** | *HTML, CSS, and JavaScript.* February 2021 – May 2021
- Delivered a Hostel Management System to store and modify the data of 8000+ students living in the hostel.

PUBLICATIONS

- Published a paper titled "Focus Flow: Task Management WebApp" in the International Journal of Innovative Research in Computer and Communication Engineering.
- Published a paper titled "Multi-modal Biometric Authentication System Using CNN" in the International Journal of Engineering Research and Technology.

LICENSES & CERTIFICATIONS

- Cloud Computing Basics (Cloud 101) by **LearnQuest**
- Software Development Processes and Methodologies by the **University of Minnesota.**
- Introduction to Structured Query Language (SQL) by the **University of Michigan.**
- HTML, CSS, and Javascript for Web Developers by the **Johns Hopkins University**
- Python for Data Science, AI & Development by **IBM**
- Programming for Everybody (Getting Started with Python) by the **University of Michigan.**
- CCNAv7: Switching, Routing, and Wireless Essentials by **Cisco Networking Academy**
- Introduction to Networks by **Cisco Networking Academy**

ACHIEVEMENTS

- Earned 6 Stars in Problem-Solving on Hackerrank.
- Earned 5 Stars in Python on Hackerrank.
- Solved 350+ DSA problems across Hackerrank and Leetcode.

EXTRACURRICULAR ACTIVITIES

- Volunteered in organizing a Blood Donation Camp that handled 1500+ donors at Manipal University Jaipur.
- Participated in organizing various cultural and social activities like Oneiros (cultural fest of Manipal University).
- Established a Tech YouTube channel with over 8500 subscribers and 1000000+ views.