

Udit Rohilla

Gurugram, India

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TECHNICAL SKILLS

Programming Languages: Java, Python, C, C++, JavaScript

Frontend: HTML5, CSS3, JavaScript, React.js, Bootstrap

Backend: FastAPI, Spring Boot, Node.js, Express.js, JWT

Automation: Selenium, TestNG, Chrome DevTools

Database: MySQL, MongoDB, SQL, PostgreSQL, Redis, Elasticsearch

Tools: Maven, Jenkins, Postman, Git, GitHub, NPM, Grafana, Kibana

Cloud Platforms: AWS, Google Cloud Platform

Core Subjects: DSA, OOPs, Operating Systems, Computer Networks, DBMS

WORK EXPERIENCE

WizCommerce

Gurugram

Software Engineer

July 2025 - Present

- Optimized an AI-based image processing pipeline using caching, multiprocessing and async tasks which **minimized rendering time by 50%** and enhanced user wait time
- Integrated **Clerk authentication** across internal and external routes using **JWT session handling** which strengthened access security and eliminated unauthorized request attempts.
- Developed secure **RESTful APIs** using FastAPI, Pydantic, and SQLAlchemy with clean dependency injection and exception handling which boosted stability and scaled down QA reported failures by **30%**.

Nykaa

Gurugram

SDET

January 2025 - July 2025

- Automated more than **200 end to end regression** test cases using Java, Selenium and TestNG, resulting in higher automation coverage **reducing manual sanity testing effort** for every release cycle by **25%**.
- Improved automation reliability from **60% to 95%** by debugging and stabilizing existing test cases.
- Delivered **manual, API and UI automation** testing activities within **2-week Scrum sprints**, maintaining quality and timelines.

IBM Coincident

Remote

Web Development Intern

September 2022 - January 2023

- Built small scale web application features using **HTML, CSS, JavaScript, Node.js, and React.js**.
- Utilized Git for version control in an Agile team environment.

PROJECTS

QureMe - Python, Flask, TensorFlow

AI-powered application for analyzing Brain MRI scans to predict tumour presence.

October 2024

- Developed a **3-layer CNN model** with data augmentation on **8000+ MRI scans**, improving detection accuracy.
- Achieved **91% accuracy** using data preprocessing and normalization for MRI scan quality enhancement..

EDUCATION

Chitkara University

Punjab

Bachelor of Engineering - Computer Science Engineering

September 2021 - May 2025

ACHIEVEMENTS AND CERTIFICATIONS

- Google AI Essentials.(Coursera) [Link](#)
- Solved **300+ DSA Problems** on platforms like LeetCode, GfG, and HackerRank.
- Introduction to Cloud Computing.(Coursera) [Link](#)
- Certificate of Excellence in Python.(Coding Ninjas) [Link](#)
- Database and SQL for DataScience with Python.(Coursera) [Link](#)
- Software Engineering: Modeling Software Systems.(Hong Kong University of Science & Technology) [Link](#)
- Machine Learning with Python.(Coursera) [Link](#)
- Python for Data Science, AI & Development.(Coursera) [Link](#)