

Udeet Mittal

Software Engineer

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Pune, Maharashtra, India

EXPERIENCE

- Associate - Beghou Consulting** Pune, India
July 2024 - January 2025
 - Optimized data warehousing with modular Python, SQL, and SAS code, reducing run times by 20% for US pharmaceutical clients.
 - Introduced automated workflows for real-time alerts and error handling, improving reporting accuracy and data-driven decisions with Power BI and Excel.
- Software Intern - Avaamo.ai** Bengaluru, India
January 2024 - June 2024
 - Single-handedly developed a scalable, production-ready test automation framework from scratch in Java using Selenium, Cucumber, Robot Class, Maven, and Jenkins, enhancing test coverage and deployment efficiency.
 - Enhanced API reliability by identifying and resolving performance bottlenecks through extensive load testing in Postman.
- Web Development Intern - Aaj Ka Anand Publications** Pune, India
June 2023 - July 2023
 - Completely re-designed and developed their main website, increasing average site traffic by 25% and ad revenue by 15% using Figma, ASP.NET, HTML, CSS, JS.
- PRISM Research Intern - Samsung R&D India** Bengaluru, India
April 2023 - August 2023
 - Implemented Google's T5X model on custom datasets to detect and mitigate security vulnerabilities (CVEs) in AI-powered code assistants like Copilot and Tabnine.
- Research Intern - SSN College of Engineering** Chennai, India
July 2022 - August 2022
 - Gained firsthand research experience on rough set theory and applications of fuzzy sets in computer science.

EDUCATION

- Manipal Institute Of Technology** Manipal, India
Bachelor of Technology - Computer Science; CGPA: 8.31
2020 - 2024
- Rao Junior College Of Science** Pune, India
HSC : 90%
2018 - 2020
- The Bishop's Co-ed School, Undri** Pune, India
ICSE : 97%
2007 - 2018

PROJECTS

- Pirate Bot - (Github)**
 - A python bot that reads names of TV Shows / Movies from a Google Sheet and downloads them automatically.
 - Tech Stack: Tor Browser, Selenium Webdriver, UTorrent API, Google Sheet API.
- SLcM Bot - (Github)**
 - A python bot that sends signed up users an email every time a new document is uploaded on SLcM, MIT Manipal's student portal, to avoid frequent human communication delays. Bypasses captcha using Tesseract OCR.
 - 500+ active users at its peak across university.
 - Tech Stack: Selenium Webdriver, Google Apps Script.
- SplitSense - Visualize your expenses (Github, Live Link)**
 - All your expenses across Splitwise categorized and visualized cleanly.
 - Utilizes Splitwise API for user data and Open exchange rates API for accurate currencies.
 - Tech Stack: Next.js, Tailwind, Shadcn UI, Radix UI
- udeet.in - My Portfolio Website (Github, Live Link)**
 - Implemented Google and Github SSO to leave comments on the site.
 - Displays the currently playing or last played song on Spotify by me.
 - Visitor counter displayed based on unique IP addresses.
 - Tech Stack: Next.js, Tailwind, Supabase, Spotify Web API, Open weather API

SKILLS

- Languages:** Python, Java, Javascript, SQL, C++, SAS
- Backend:** Spring Boot, Microservices, Django, Flask, NodeJS
- Frontend:** ReactJS, NextJS
- Testing & DevOps:** Selenium, Cucumber, Jenkins, TestNG
- Cloud & Databases:** AWS, PostgreSQL, MS SQL Server