

# 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, cutting run times by 20% for US pharmaceutical clients.
  - Built 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*
  - Developed a scalable, production-ready test automation framework 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%. Used ASP.NET and HTML, CSS, JS technologies.
- 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.
  - 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 OpenexchangeratesAPI for accurate currencies.
  - Tech Stack: *NextJS, TailwindCSS, Shaden/UI, RadixUI, Vercel*
- Freewave - A Music Streaming Webapp ([Github](#))**
  - A simple ad-free music streaming application with the familiarity of Spotify UI.
  - Ditches Spotify API which allows only 30s previews.
  - Tech Stack: *Django, PostgreSQL (on neon.tech), fly.io (for deployment)*

## 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