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Udeet Mittal
Software Engineer

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Pune, Maharashtra, India

EXPERIENCE

- **Freelance Web Developer** — Pune, India — *February 2025 - Current*
  - Independently building full-stack web applications with an intense focus on UI/UX primarily using Next.js, while adapting to client-specific tech stacks as needed.
  - Delivered projects end-to-end, from Figma mockups to deployment, for international clients.

- **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 Research** — 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.

EDUCATION

- **Manipal Institute Of Technology** — Manipal, India — *2020 - 2024*
  Bachelor of Technology - Computer Science; CGPA: 8.31

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, enabling seamless user authentication for comment functionality on the site.
  - Integrated Spotify Web API to display the currently playing or most recently played track, providing real-time music updates for users.
  - Developed a visitor counter that tracks unique IP addresses to monitor site traffic.
  - Tech Stack: Next.js, Tailwind, Supabase, Typescript, Spotify Web API, Open weather API

SKILLS

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

CERTIFICATIONS

- **HackerRank**: SQL (Advanced); Javascript (Intermediate); Frontend Developer (React)
- **Leetcode**: Top SQL 50 Badge
- **Miscellaneous**: Building a REST API with Spring Boot (Spring Academy); Digital Marketing Analytics in Practice (Coursera); AI for Everyone (Coursera)