Udeet Mittal

Computer Science Undergraduate

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EDUCATION

- **Manipal Institute Of Technology** — Manipal, India
  Bachelor of Technology - Computer Science; Present CGPA: 8.23 — *2020 - Current*
- **Rao Junior College Of Science** — Pune, India
  HSC : 90% — *2018 - 2020*
- **The Bishop's Co-ed School, Undri** — Pune, India
  ICSE : 97% — *2007 - 2018*

EXPERIENCE

- **Web Development Intern - Aaj Ka Anand Publications** — June 2023 - July 2023
  Worked on the complete design revamp of their main website,
  increasing average site traffic by 25%. Used ASP.NET and HTML, CSS, JS technologies.

- **PRISM Research Intern - Samsung R&D India** — April 2023 - August 2023
  Worked as a research intern applying Google's T5X model on custom data sets to remove
  security vulnerabilities (CVEs) in existing code assistant tools like Copilot, Tabnine.

- **Research Intern - SSN College of Engineering, Chennai** — July 2022 - August 2022
  Worked under a Mathematics professor as a summer research intern. Gained firsthand
  research experience on rough set theory and applications of fuzzy sets in computer science.

PROJECTS

- **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 fo user data and OpenexchangeratesAPI for accurate currencies.
  – Tech Stack: *NextJS, TailwindCSS, Shadcn/UI, RadixUI, Vercel*

- **Freewave - A Music Streaming Webapp *(Github, Live Link)***
  – 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)*

- **Portfolio Website - *(Live link)***
  – My personal portfolio made from scratch with great focus on UI/UX and attention to detail.
  Deployed on custom domain.
  – Tech Stack: *HTML, CSS, JS.*

SKILLS

- **Development**: HTML5, CSS3, Javascript, Bootstrap, Reactjs, Nextjs, MongoDB, Express, Nodejs, Django, PHP
- **Programming**: C, C++, Python, Java, Javascript
- **Design**: Figma, Adobe Illustrator

POSITIONS OF RESPONSIBILITY

- **Physics Expertise Head - Research Society MIT** — August 2022 - August 2023
  Led a team of 6 domain members to work with professors across colleges on research
  projects, personally working in the fields of quantum optics, and quantum computing.

- **Senior Writer - Manipal The Talk Network** — January 2022 - July 2023
  As a part of the crew at the largest student-run media organization in Manipal,
  I covered various events across town, wrote articles and posts for a community of 20k+ students across socials.