

# < Aman Mehta / >

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## SUMMARY

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Curious and driven Computer Science student. Passionate about learning and implementing new technology stacks.

## EDUCATION

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### New York Institute of Technology

Bachelor of Science in Computer Science

Manhattan, NY

Expected: June 2026

- **Relevant Coursework:** Computer Programming, Data Structures, Digital Logic, Computer Arch, Calculus, Linear Algebra

## PROJECTS

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### Ubuntu Portfolio

Technologies -

[Node.js](#) . [HTML](#) . [Tailwind CSS](#) . [GitHub Repo](#) | [Portfolio Link](#)  
[GitHub Workflows](#) . [Vercel](#)

- Developed a personal portfolio website replicating the Ubuntu interface, hosted on GitHub and Vercel

### GitNoob (Git Commands Library)

Technologies -

[Go](#) . [Bash](#) . [AI \(LLM\)](#) . [Git](#)  
[GitHub Repo](#)

- Developed 'GitNoob', a library of command-line tools designed to simplify Git operations for new developers
- Implemented learning '-l' mode that enables students to understand the git commands running in the background.
- Integrated AI-powered command 'smartPush' that automatically generates meaningful commit messages using LLMs

### CopyPasta (ClientSide/Static Website Downloader)

Technologies -

[Go](#) . [Bash](#) . [wget](#)  
[GitHub Repo](#)

- Developed a tool for downloading websites for offline use, utilizing 'wget' for efficient website scraping
- Automated and simplified the process of capturing client-side/static website content

### LeetCode CLI Interface

Technologies -

[Python](#) . [Go](#) . [APIs](#) . [AI \(LLM\)](#)  
[GitHub Repo \(ongoing development\)](#)

- Developing a command-line interface to interact with LeetCode problems, allowing users to solve and test solutions within a terminal environment
- Integrating AI to provide real-time feedback on code performance, simulating a coding interview experience

### Predictive Analysis of Housing Prices

Technologies -

[Python](#) . [Go](#) . [APIs](#) . [TensorFlow](#)  
[\(ongoing development\)](#)

- Building a predictive model for housing prices using Python and TensorFlow
- Utilizing historical data and market trends to forecast housing price changes accurately

### Rose Open Source Education (ROSE)

Technologies -

[Angular.js](#) . [Tailwind CSS](#) . [Firebase](#) . [TypeScript](#)  
[\(ongoing development\)](#)

- Developing a platform aimed at providing accessible educational resources, inspired by neetcode.io and OSSU
- Creating an interactive learning experiences with inbuilt coding sandbox using Judge0

## WORK EXPERIENCE

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### SLR Technologies

Front-end Intern

Remote

June 2021 - July 2022

- Collaborated with the development team to implement front-end changes using C#, improving user interface and experience.

### SLR Technologies

Assistant Coding Tutor

Chandigarh, India

June 2020 - May 2021

- Assisted in teaching Python programming to highschool students
- Developed and delivered instructional materials and coding exercises to enhance student engagement and understanding

## TECHNICAL SKILLS & TOOLS

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**Skills:** Python, Git, Java, Go, C#, SQL, NoSQL, HTML, CSS, JavaScript, Bash, zsh, Node.js, Linux (Debian/Arch)

**Tools:** Docker, TensorFlow, PyTorch, HuggingFace, Neovide, VSCode, Firebase, Vercel