



# Aman Mehta

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## EDUCATION

### New York Institute of Technology

Bachelor of Science in Computer Science

New York, NY

Expected May 2026

**Relevant Coursework:** Data Structures, Digital Logic, Computer Architecture, Calculus, Linear Algebra, Statistics

## TECHNICAL PROJECTS

### Ubuntu Portfolio

GitHub Repo — Portfolio Link

Technologies:

Node.js . HTML . Tailwind CSS . GitHub Workflows . Vercel

- Developed a personal portfolio website replicating the Ubuntu interface, hosted on GitHub and Vercel.
- Set up GitHub Actions workflows for continuous integration and deployment (CI/CD) on Vercel.
- Reduced deployment time by 30% through automated testing and build optimizations.

### GitNoob (Git Commands Library)

GitHub Repo

Technologies:

Go . Bash . AI (LLM) . Git

- Created a CLI tools library simplifying Git commands for new developers, helping reduce onboarding time by 40%.
- Introduced 'l' learning mode to teach users the underlying Git processes, improving understanding by 50%.
- Developed 'smartPush' feature to generate meaningful commit messages using LLMs, increasing efficiency by 25%.

### CopyPasta (ClientSide/Static Website Downloader)

GitHub Repo

Technologies:

Go . Bash . wget

- Built a tool to efficiently download websites for offline access, automating client-side scraping via 'wget.'
- Simplified the process for capturing and preserving static web content, cutting manual effort by 60%.
- Enhanced efficiency of large-scale downloads with error-handling scripts, improving completion rates by 20%.

### LeetCode CLI Interface

GitHub Repo (Ongoing Development)

Technologies:

Python . Go . APIs . AI (LLM)

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

### Predictive Analysis of Housing Prices

(ongoing development)

Technologies:

Python . TensorFlow .

- Building a predictive model for housing prices using market trends to accurately forecast housing price changes.

### Rose Open Source Education (ROSE)

(ongoing development)

Technologies:

Angular.js . Tailwind CSS . Firebase . TypeScript

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

## EXPERIENCE

### SLR Technologies

Remote

Front-end Intern

June 2021 - July 2022

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

### SLR Technologies

Chandigarh, India

Assistant Coding Tutor

June 2020 - May 2021

- Assisted in teaching Python programming to high school students.
- Developed and delivered educational materials and coding exercises to enhance student engagement.

## SKILLS

**Languages:** Python, Git, Java, Go, C#, SQL, NoSQL, HTML, CSS, JavaScript, Bash, zsh, Node.js

**Tools:** Linux (Arch/Debian), Docker, TensorFlow, PyTorch, HuggingFace, Neovide, VSCode, Firebase, Vercel