

Aparimeya Taneja

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EDUCATION

Duke University - Durham, NC

Major: Bachelor of Science in Computer Science

Expected May 2022

• GPA : 3.41

• Relevant Coursework: Systems Architecture, Algorithm Design, Databases, DSA, Functional Programming.

St. Columba's School - New Delhi, India

March 2018

WORK EXPERIENCE AND FREELANCE

StudentSide - Remote

Backend Developer

July 2020 - September 2020

- Collaborated with the development team and helped integrate legacy Node Express routes with their static site.
- Developed GCP python cloud functions as APIs with JWT authentication, allowing for secure modular bookings to a PostgreSQL AWS D3 Instance.
- Configured a JAM-stack architecture for the deployment by hosting the static react site on Firebase CDN Edge Network, which greatly improved load times.

ESSI Integrated Technologies - New Delhi, India

UI/UX Designer and Fullstack Developer

June 2019 - July 2019

- Redesigned and rebuilt an outdated UI in Vue with support for mobile and accessibility, and a focus on intuitive layouts and better UX. This helped increase productivity while modernizing and improving design style.
- Contributed to building a Node.JS server and a MySQL database to record data on realtime locations of vehicles and their routes for the National Defence College.

Humblef00ls - New Delhi, India and Durham, NC

Freelance Graphic Designer and Web Developer, Social Media

January 2017 - Present

- Founded and manage my own online designer/artist brand on Instagram, @humblef00ls.
- Design merchandise and branding guides for organisations and individuals (logos, merchandise & commissions).

FEATURED PROJECTS

Stockhub - New Delhi, India (<https://stockhub.app>)

Founder and Lead Developer

June 2020 - Present

- Single handedly created a web app which tracks daily tweets and reddit posts for about 8000 securities, and options data for 535 securities every five minutes. This free analysis tool helps retail investors find short term trends.
- Conduct NLP on all posts/tweets, used to generate an average sentiment score for each of the 8000 stocks.
- Developed several python cloud functions to work with multiple 3rd party APIs for the backend (Robinhood, Twitter, etc).
- Deployed a SSR Sapper app on Firebase hosting and functions. Supports PWA, enabling an improved mobile experience.

Intel ISEF & IRIS National Fair - Los Angeles, CA

International Science Fair, Innovative Research

December 2016 - May 2017

- Represented India internationally, and was awarded 3rd place in the world in my project at the 2017 Intel ISEF.
- Conducted original research in IIT Delhi's lab for 3 weeks, and generated 2400+ Data points for use in my research paper.

SKILLS AND INTERESTS

Technical: Java, C++, Python, Scheme, Docker, JavaScript, Node, CSS, HTML5, Svelte, Sapper, Vue, SQL, Photoshop, Illustrator, Adobe XD, GCP, Netlify, Vercel.

Interests: Creating things, Meeting new people, VR, Tennis, Gaming, G-Eazy, Sigma Alpha Epsilon Fraternity (ΣAE)