

HARSH KAPADIA

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EDUCATION

Qualification	University	College	CGPA	Year
MS in CS	Boston University	The Graduate School of Arts & Sciences	-	2024 (exp)
BE in IT	University of Mumbai	Thadomal Shahani Engineering College	9.02/10.0	2022

SKILLS

Web: React.js, Node.js (Express.js), Flask, HTML, CSS, JS
Databases: MySQL, MongoDB
Tools: Git, [Wireshark](#), [Asciidoctor Jet](#), Figma
Languages: JavaScript, Java, Python, C
Platforms: GitHub, Firebase, Heroku, Deta
CI/CD: GitHub Actions

EXPERIENCE

NanoNet Technologies Inc.

Aug 2021 – Nov 2021

Software Intern

- Published two Node.js SDKs on npm for their OCR and Image Classification REST APIs.
- Migrated their API specification from Swagger 2.0 to OpenAPI 3.1.0.
- npm packages: [OCR](#) | [Image Classification](#)

GRT Global Logistics Pvt. Ltd.

Dec 2019

Software Testing Intern

- Tested ERP software.

PROJECTS

Git Graph | [React.js](#), [GitHub Pages](#)

Jan 2022 – present

- A web app to visualize the Directed Acyclic Graph (DAG) that Git uses to connect [Commit](#), [Tree](#) and [Blob](#) objects.
- Takes an existing repository to generate DAG visualizations for local branches and allows highlighting specific commits.
- [Web app](#) | [GitHub](#)

Git Internals | [Asciidoctor Jet](#), [GitHub Pages](#)

May 2020 – present

- A PWA documenting and explaining the internals of Git.
- Explains the contents of the `.git` directory, the connections between Commit, Tree and Blob objects, and the need for Packfiles.
- [PWA](#) | [GitHub](#)

HPS Gems | [HTML](#), [CSS](#), [JS](#), [PHP](#), [MySQL](#), [Heroku](#)

Oct 2020 – Dec 2020

- A JAMstack e-Commerce CRUD web app for selling raw gemstones.
- Users can add items to their cart, place orders and view their shopping history and profile.
- Uses the Fetch API to connect with the PHP API and uses the Web Components API to optimize rendering products.
- [Web app](#) | [GitHub](#)

Preview Markdown | [React.js](#), [CSS](#), [JS](#), [GitHub Pages](#)

Jun 2021

- A web app that renders GitHub-styled markdown live.
- Supports GitHub's light and dark themed Markdown rendering.
- [Web app](#) | [GitHub](#)

COMMUNITY ACTIVITY

Our Tech Community (OTC)

Jan 2020 – present

Organiser

- Started a Tech-loving open-to-all community with 400+ current members.
- Hosted over 500 hours of weekly [OTC CatchUp](#) sessions since Oct 2020 involving technical discussions, project showcases and talks.
- Organised an in-person [OTC MeetUp](#) event with 60+ attendees.
- ourtech.community

Talks

Jun 2020 – present

- Impacted over 700 people in more than 16 talks and workshops at various technical meetups.
- talks.harshkapadia.me | [YouTube](#)

GitHub Campus Expert

Oct 2021 – present

- One of the 82 students selected out of 8000+ applicants worldwide.
- [Campus Expert profile](#)

EXTRACURRICULAR ACTIVITY

TSEC CodeCell

Sep 2019 – Jun 2022

Senior Committee Member

- Organised three hackathons, TSEC Hacks 2020, 2021 and 2022. ([Learnings](#))
- Conducted a workshop on Git and GitHub. ([YouTube](#))

Google Developer Student Clubs TSEC

Aug 2020 – Jul 2022

Core Team Member

- Gave three talks on [Git basics](#), [Git internals](#) and [GitHub Actions](#) for Hacktoberfest 2021 with 200+ participants.