

NEEL SHAH

@ neel12@somaiya.edu

☎ 88507.633576

📍 Location: Mumbai, India

🐙 github.com/nilshah98

🌐 https://nilshah98.tech/

EDUCATION

Bachelor degree

KJ Somaiya College Of Engineering

📅 Jun 2016 – Jul 2020

📍 Mumbai, India

- Major: Computer Engineering
- CGPA: 8.86/10
- First 7 semesters

EXPERIENCE

Summer Fellow

Fossee, IIT-B

📅 May 2019 - Jul 2019

📍 Mumbai, India

- Worked on eSim - tool to create and simulate electrical circuits
- Port to python3, document and debug eSim
- Also worked on Nghdl, which uses socket programming to help in mixed mode and digital simulation for electrical circuits
- **Technologies:** Python3, C

Tech Team Head | Coordinator

Codecell

📅 Jul 2017 - Jul 2019

📍 Mumbai, India

- Coordinator during the first year and Tech team head during the second year
- The aim of the council is to promoting competitive coding and development culture across the college by arranging workshops, meet-ups, contests and hackathon

Student Developer

Frappe

📅 May 2019 - Aug 2019

📍 Mumbai, India

- One of the 20 students selected for ESOC program where we developed an ERP system
- Worked on implementing a calendar module
- System is completely open source
- **Technologies:** Javascript

Web Developer

KJSCE Students' Council

📅 Sep 2017 - Feb 2018

📍 Mumbai, India

- Coordinated with graphics designers and content writers at KJ Somaiya College Of Engineering, to create college fest websites.
- Created 3 fest websites- Abhyantriki 2017, Skream 2018, Symphony 2018
- **Technologies:** CSS, Javascript, HTML

PROJECTS

Worker Threads

- Calculated primes using worker threads and various DS like sharedArrayBuffer, ArrayBuffer, Arrays in NodeJS and benchmarked the same
- Created a CLI and used Benchmark.js to achieve precision while benchmarking
- **Technologies:** Javascript

Passworlds

- Removed the trust factor involved in passwords manager by tapping into the power of blockchain
- Created a chrome extension for the same to manage passwords for the user, by storing the same as hashed key value pair on IPFS
- **Technologies:** Javascript, Browserify, Solidity

Briefly

- Source based news in short
- Subscribe to your own news source and get news in short
- Webapp, as well as a chatbot
- **Technologies:** Javascript, SASS, HTML, Python

Book-Bhandar

- Book cataloguing social media website
- Create, Edit, Share, Comment & Bookmark Book Lists
- Using open library API to fetch book data
- **Technologies:** NodeJS, SASS, Express, MongoDB

HONORS & AWARDS

- 2019 Mentor at Mathball, GSSOC
- 2019 Finalist Smart India Hackathon
- 2019 Winner KJSCE Bloombox Ideathon
- 2018 Winner Mumbai Hackathon
- 2018 51 on-site ACM ICPC 2018

SKILLS

Over 5000 lines- Javascript, CSS, Python, C++

Over 1000 lines- Java, C

Familiar- Go, SQL

Utilities- Git, \LaTeX , *nix Shell

HOBBIES

Music & Podcasts • Movies & TV
Reading books • Sketching
Video Games • Cycling • Organizing