

NEEL SHAH

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📍 Location: Mumbai, India

🌐 github.com/nilshah98

🌐 nilshah98.me

EDUCATION

Bachelor of Technology

KJ Somaiya College Of Engineering

📅 Jun 2016 - Jul 2020

📍 Mumbai, India

- Major: Computer Engineering
- CGPA: 9.01/10

EXPERIENCE

Senior Software Engineer

Browserstack

📅 Sept 2021 - Present

📍 Remote

- Part of Visual Testing Platform team, responsible for over million webpage rendering, stabilization and screenshots across real terminals and mobile phones per day.
- Added support for real mobile phone browsers, viz - iPhone and Samsung S series using Appium.
- Re-architected infrastructure to async mode, to gain upto 2x efficiency and easier resource management.
- **Technologies:** Ruby, Selenium, Redis, Terraform, Kubernetes

Software Engineer

Morgan Stanley (Contract Worker)

📅 May 2020 - Sept 2021

📍 Mumbai, India

- Created an Angular Dashboard for viewing reports, and using filters, pivot to evaluate and export data.
- Built ETL Pipelines using SQL and Pandas (Python3 library), to summarize large amounts of data and mail daily reports.
- **Technologies:** Angular, Python3, SQL

Summer Fellow

Fossee, IIT-B

📅 May 2019 - Jul 2019

📍 Mumbai, India

- Port eSim to Python3, fixed bugs and added features such as uploading of sub-circuits. Detailed report can be found [here](#).
- Used socket programming and nGHDl to enable mixed mode and digital simulation for electrical circuits. Detailed report can be found [here](#).
- **Technologies:** Python3, C

VOLUNTEER

Codecell

📅 Jul 2017 - Jun 2019

📍 Mumbai, India

- Organized and conducted coding workshops & hackathons.

Gyanada

📅 Dec 2019 - May 2020

📍 Mumbai, India

- Taught basic programming concepts to underprivileged kids.

PROJECTS

Dis-Trie-Buted

- Volunteer Computing Platform via Browser incentivized using Blockchain.
- Perform SIMD operations at scale across contributors and pay them proportionately.
- Use worker threads and customized scheduling algorithms for optimal processing.
- Get paid in ether commensurate with processing done and incentives offered.
- **Technologies:** Javascript, Solidity

Game-Of-Engineering

- In browser decision making game for freshers.
- Simulate each decision, and showcase outcome based on - time, acads, energy attributes.
- Created at a 24 hour hackathon and hosted [here](#).
- **Technologies:** Javascript

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

PassWorlds

- Blockchain based trust-less password manager accessible using chrome extension
- Store and retrieve encrypted credentials over blockchain by using IPFS
- **Technologies:** Javascript, Solidity

HONORS & AWARDS

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|------|--------------------------------|
| 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- Ruby, SQL

Familiar- Go, Java, Bash, Kubernetes

Utilities- Git, \LaTeX , *nix Shell, Ansible

HOBBIES

Music & Podcasts • Movies & TV

Reading books • Sketching

Video Games • Cycling • Organizing