

NIRMIT JATANA

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Education

Vellore Institute of Technology, Vellore

Bachelor of Technology in Information Technology

Jul 2019 – expected 2023

CGPA: 9.20

Relevant coursework: Data structures & algorithms, DBMS, Computer architecture, Operating Systems, Data Mining, AI, HCI, TOC.

Patel Public School

Central Board of Secondary Education

May 2019

Percentage: 95.2%

Experience

Research Intern — Samsung

Oct 2021 – Nov 2021

- Designing and researching on a robust method for real time deep video inpainting using neighboring frames.
- Training of optimized model for speed and flexibility to use on smartphones and different aspect ratios.

GitHub Externship — Pabio

Jul 2021 – Oct 2021

- Contributed and improved an open-source uptime monitoring tool with product with 8K stars on GitHub. - [Uptime](#)
- Conceptualized, planned and engineered a Command Line Utility tool for Uptime from scratch to a 100% working product.
- Catalogued and redefined documentation resolved more than 5 issues and followed up on public demand features.
- Techstack: TypeScript, OCLIF, JavaScript, React, GitHub actions, Nodejs, Cron, Workflows, Nodemailer.

Projects

SocioCredz: Community Helping App | JavaScript, React, Nodejs, Flutter, Firebase, PostgreSQL

Mar 2021

- Co-authored an app with a team of 5 members with an aim to provide basic amenities through a credit-based system.
- Programmed a PWA for NGOs with multiple highlighting features to create campaigns, manage donations and share posts.
- Deployed web app, backend and designed a CI/CD integrations pipeline using Github actions.
- Web app: [sociocredz.netlify.app](#) GitHub: [github.com/Nirmitjatana/sociocredz](#)

Covid Tracker | React, Material UI, Chart.js, Python, Nodejs

Oct 2020

- Engineered a data visualizing Web App displaying resources available, helplines and cases for all 29 states of India.
- Lead a team of 6 members and architected a streamlined platform to exhibit realtime statistics and notifications.
- Web app: [covid.rekursion.app](#) GitHub: [github.com/TeamRekursion/covid-tracker](#)

IRIS: A Research tool | React, Material UI, Vis.js, Python, Flask

Jul 2020

- A web app tool to find links between 2 Wikipedia pages, used by researchers to skip on the long hours of surfing.
- Executed and developed a data visualizing Web App, to hop through 50 million Wikipedia pages for graphical visualization.
- Web app: [iris.com](#) GitHub: [github.com/Nirmitjatana/iris](#)

Quorum: Realtime Attendance | JavaScript, websockets, Flask, Heroku, CSS

May 2020

- Devised a web sockets based Progressive Web App to fetch realtime attendance based on proximity of the user.
- Used to capture attendance of 200+ participants in a hack-a-thon.
- Web app: [quorum.netlify.app](#) GitHub: [github.com/Nirmitjatana/AttendanceApp](#)

Organization

Google Developer Student Clubs

- Contributed to 15+ open-source projects, solving real world problems and worked on 5 promotional event websites.
- Actively mentored and coached junior developers among the community of 60+ student developers.
- Co-ordinated and facilitated 3 educational webinars teaching hundreds of students on live stream. - [YouTube](#).
- Authored and published technical blogs. (1000+ views) - [Medium](#).

Technical Skills

Googling, C++, C, Data Structures, Algorithms, Operating Systems, Object-Oriented Programming, SQL, DBMS, JavaScript, React, Flutter
Node, Express, Dart, CSS, HTML, Git, GitHub, MongoDB, Redux, Firebase, CI/CD, UX design, Ren.js, crypto, D3.js.

Achievements

- 1577 AIR in Google Hashcode
- 1670 Rating at CodeChef
- Access denied 2021 Winner
- Mentor at RUHACKS (MLH x Ryerson University)
- VIT HACK 2020 Winner
- MLH Hack-off 2020 2nd Winner
- Microsoft Virtual Experience Program
- 30 days of Google Cloud Program