





AARUSH BHAT

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Education

Vellore Institute of Technology, Vellore

B.Tech in Computer Science and Engineering

Jul 2019 – Apr 2023 (Expected)

8.29, CGPA

Experience

Google Summer of Code

May 2022 – Present

- Student Mentee at [Haskell Foundation](#). (Haskell, Compiler Design, Language server, LSP)
- Enabling features like Folding Ranges, Semantic Highlighting Etc. for the Haskell Language Server.

Summer of Bitcoin

Aug 2021 – Sept 2021

- Open source Mentee at [MIT-DCI utreexo](#) under the mentorship of Calvin Kim and Tadge Dryja. (GoLang, Bitcoin)
- Authored support for signet and other significant improvements to help scale bitcoin.

MSquare Labs

May 2021 – Jul 2021

- Full stack developer at The Tasks App. (TypeScript, React, SSG, Apple Design System)
- Worked with the Design team to create the website and blog for The Task App.

Byte Avenue

Mar 2020 – Dec 2020

- SDE Intern, part of the Frontend Team. (JavaScript, React, Redux, Material UI)
- Member of the founding team and worked on the initial iterations of the coding platform.

CodePark

Sept 2019 – Mar 2020

- Frontend Developer. (Javascript, React, SCSS)
- Worked on the web platform and internal tools and managed marketing campaigns.

Projects

Enchante  | *TypeScript, MongoDB, Augmented reality, OAuth, Azure*

Jul 2021

- Enchanté is an attempt to reinvent the traditional transaction system and taking contactless payment to a whole new level by adopting bleeding-edge technology such as Augmented reality and nearby payments within eyesight.

eBPF Keylogger  | *Python, C, eBPF, Linux*

Nov 2021

- Utilizes the power of eBPF to build a keylogger that can be used for monitoring or logging
- Built using BCC toolkit to enable creating efficient kernel tracing and manipulation programs.

GreenCredUs  | *JavaScript, Blockchain, Sustainability*

Feb 2021

- A carbon credit system implemented on general public to help save the environment.
- Implements cryptocurrency built on the Tezos network and an app built over React.js.

Skills and Interests

Programming Languages : JavaScript, TypeScript, Haskell, GoLang, C++, Python, Bash

Databases: MongoDB, SQL, Redis

DevOps: AWS, Azure, Docker, Github Actions, Kubernetes

Design: Figma, Adobe Lightroom

Blockchain: Bitcoin, Ethereum

Languages: English, Hindi, French, Kashmiri

Interests: Formula 1, Music, Business

Leadership / Extracurricular

IEEE-VIT

Dec 2019 – Present

- Technical Head at IEEE-VIT, one of the most active Technical Student bodies representing the IEEE organisation as a chapter on the Vellore Institute Of Technology campus.
- Responsible for Technical growth of 70+ members in the organisation inculcating and promoting the Open Source Software culture and good development practices.
- Developed software for events and projects used by 15000+ participants in 100+ countries for multiple events.

Achievements

- Won MIT Bitcoin Hack (Cambridge, May 2022), DevSoc (Vellore, April 2021), DevSpace (Vellore, March 2021), and KUHackfest (Kathmandu, Feb 2021).
- Mentor, [Speaker](#) and Judge at Sparkathon 2021 - A 4-day Hackathon by NMIMS, Navi Mumbai.
- Awarded [Distinction](#) in Trinity College London in Rock and Pop Guitar Grade 2(Nov 2016), Trinity College London Rock and Pop Guitar Initial Grade(Nov 2015)
- Awarded the CBSE Certificate of Merit for outstanding performance in SSC Examination.