Aarush Bhat

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Education

Vellore Institute of Technology, Vellore   Jul 2019 – Apr 2023 (Expected)
B.Tech in Computer Science and Engineering   *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
Languages: English, Hindi, French, Kashmiri
Interests: Formula 1, Music, Business

Leadership / Extracurricular

Technical Head, IEEE-VIT   Dec 2019 – Present
- IEEE-VIT is 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.

Certifications

Cyber Crime Intervention Officer, ISAC and National Security Database India   July 2022
- The CCIO is a volunteer registered with NSD who can assist the victims and local law enforcement agencies with technical support and legal advise for resolution of cyber crimes as a First Responder.

Achievements

- Awarded the Chancellor's Special Achievers Award by VIT Vellore.
- 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.