Kavin Desi Valli

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Summary

I'm a student at Delhi Public School, R.K. Puram, with an interest in Web Development, App Development, Computer Science and participates in STEM Competitions

Experience

President
Exun Clan
Aug 2022 - Present (3 months +)

Developer
techCircuit
Aug 2022 - Present (3 months +)
Be it meeting talented people from the tech industry, Looking at unique projects created by professionals, connecting with new people, participating in events, or even organizing your own -- techCircuit is the place to be.

techCircuit is an open-to-all platform for tech enthusiasts to connect. I work as a web developer and manage projects on the platform.

Chapter Officer
New Delhi Space Society
Sep 2021 - Present (1 year 2 months +)

Volunteer
New Delhi Space Society
Feb 2021 - Present (1 year 9 months +)
Worked on the website at https://newdelhi.nss.org

Co-Founder
Tricycle - Audio conversation based Social learning network
Dec 2020 - Present (1 year 11 months +)
Tricycle is a Conversation Based Social Learning Network for Parents, Teachers and Students.

- Worked on Backend Development using Django to create REST APIs and worked on modules including Authentication, Posting, Polls, etc.
- Worked on Frontend Web Development using ReactJS.

Senior Member

ENSHIP-The Entrepreneurship Club

Jul 2020 - Present (2 years 4 months +)

Worked on Enship's official website at https://enship-club.github.io

Member - Web Developer

Exun Clan

Jan 2021 - Present (1 year 10 months +)

- Currently managing Exun Clan's Web Dev department and working with the App Dev Department.
- Won multiple hackathon and web development events representing Exun Clan.
- Helped conduct Exun Clan's 26th annual symposium, Exun 2021-22 which had 15k+ participants, 45+ schools from 15+ countries.
- Worked on various web platforms for Exun 2021-22.
- Worked on the Exun 2021-22 Registration Platform which was used to register 1.5k+ participants.
- Worked on the platform for Sudocrypt v11.0 which had 1500+ participants from 10+ countries, 50k+ attempts, 4.5k+ levels solved.
- Helped with developing the platform for the Hardware Hunt during Exun 2021-22.
- Worked on the Exun 2021-22 App which had 150+ installations through Google Play Store and the App Store.
- Helped host the Hackathon event during Exun 2021-22.
- Conducted various sessions on Web Dev as part of the annual club inductions.
- Helped host Girls in Tech initiative.

Education

Delhi Public School - R. K. Puram

High School Diploma, English, Physics, Chemistry, Maths, Computer Science

Apr 2019 - Apr 2023

Tagore International School (Vasant Vihar)

Apr 2009 - Feb 2019

Licenses & Certifications

Flutter - Academind

Skills

Full-Stack Development • JavaScript • React.js • Next.js • Node.js • Flutter • TypeScript • PHP • Laravel • Mobile Application Development

Honors & Awards

NASA Space Apps 2022 - Global Nominee

Oct 2022

- Helped develop Liberty, an accessible and performant browser-based 3D visualization web app of the International Space Station in Realtime. It also included features like predicting overhead passes, browsing the position of ISS across time, and historic visualizations.

- Worked on the Google street view integration and porting the compute-heavy astronomical calculations over to Rust and Web Assembly, increasing the performance by 12000x (0.3ms to 25ns).