

Kshitij Thareja

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Education

Amrita Vishwa Vidyapeetham

Bachelor of Technology in Computer Science (Current CGPA: 9.92/10)

Expected November 2026

Amritapuri, Kerala

Montfort World School

Bachelor of Technology in Computer Science (10th CBSE: 98%, 12th CBSE: 97%)

2016-2022

Karnal, Haryana

Experience

amFOSS

Member

Jan 2023 - Present

Amritapuri, Kerala

- 2nd year member, Full stack developer and ML enthusiast
- Led and orchestrated numerous events for the club, including various hackathons, fests, and the recruitment process.
- Mentored junior members before and after their recruitment to the club.

Open source contributor

Web/DevOps

November 2023 - Present

- Contributed to the code base of various organizations.
- Worked on UI changes, fixing backend errors, introducing new functionality, GitHub actions, etc.

Projects

HCI application | React.js, Django, Docker

- Developed a web application as a part of a research paper to measure human-computer interaction, with the aim to determine how dependent are people on AI for their work.
- Worked on the DevOps operations for the project. Dockerized and deployed the API in the cloud.
- Implemented the backend functionality for efficient storage and retrieval of data based on user's interaction with the application.

HMS | Flutter, Firebase

- Developed a mobile application to automate various tasks and processes in university hostels.
- Built a robust complaint management and leave resolution platform so as to remove the manual aspect of these tasks and ensure improved experience for hostel students.

Martian Chronicles | Python, PyQt6, NASA space API

- Made a GUI based desktop application to fetch images from NASA's Curiosity rover by utilizing NASA APIs.
- Made use of concepts like multi threading to make the operations run smoothly. Integrated mailing function so that users can send the fetched images to someone from within the app itself.

Technical Skills

Languages: Python, C++, Javascript

Technologies: React.js, Vue.js, Next.js, Django, Flask, TensorFlow, PyTorch, Tailwind, Bootstrap, Node.js

Developer tools: Git, GitHub, VS Code, Postman/Insomnia

Concepts: Artificial Intelligence, Machine Learning, Web Development, UI/UX Design

Achievements

- Represented my university at the G20 Conference, 2023, as a technical expert.
- Member of the first cyber volunteer squad, a group initiated by the I4C under MHA to fight cyber crime.
- Successfully began my Open Source journey.

Hobbies

Reading, football and badminton

Languages

Fluent in English, Hindi