

K.N ANANTHA NANDANAN

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EDUCATION

Amrita Vishwa Vidyapeetham

B.Tech in Computer Science and Engineering

August 2019 - Present

Kollam, Kerala

Overall GPA: 8.48

WORK EXPERIENCE

Eindhoven University of Technology

Research Intern

October 2021 - Present

- Implemented the algorithm for **Handling Incomplete Information in Policy Evaluation** using Attribute Similarity.
- Helped in analysing the design changes to the algorithm for deciding verdict for user access request.

Spoon

Associate Technology Engineer

June 2021 - August 2021

- Using a serverless framework called Firebase Cloud Functions, configured the cloud services, deployed them, tested them, and integrated the vendor APIs in the backend.

Traboda

backend Developer

December 2020 - April 2021

- Worked on backend of an end-to-end Cyber Security learning platform building different GraphQL endpoints, password pawn checks etc.
- Added services to host Capture The Flag contests.

amFOSS

Member & Mentor

September 2019 - Present

- Mentoring my juniors to get them started with open source contributions and come up with innovative ideas.
- Help manage the community of 80+ members along with organizing various events and leading the media campaigns.

Developer Student Club

Member

September 2020 - July 2021

- Contributed with other leads in organising various sessions based on Android Development and web development.
- Was part of a project with other core team members to help students to learn basics of software development and android.

PROJECTS

NaWaB Bot

The NaWaB bot is a content curator for network-related subjects. It's one of the finest ways to stay up to date on the latest innovations, advances, and network talks on Twitter. **Tech stack** used - Python, Pandas, Twitter API, Telegram API.

CMS

Maintainer

Club Management System (CMS) is a Django-based web-app that serves as a foundation for many amFOSS community apps such as the amfoss website, webapp, and mobile app. **Tech stack** used - Python, Django, GraphQL, Telegram API, Google API.

Lazzzy Space

Lazzzy Space is a web-based work management and collaboration solution for efficiently organising, planning, and storing resources. **Tech stack** used - React, ExpressJS, MongoDB

DePOLARIZER

DePOLARIZER is a social-media-based online tool that aims to depolarize our society's numerous "groups" by offering them the other side of the story directly from their peers. **Tech stack** used - React, MongoDB, ExpressJS, Socket.IO.

Lorax

Lorax is a Flutter application that encourages people to plant and nurture trees. The user could keep track of the tree's progress and set reminders. Also, keep track of his progress on social media to show off his accomplishments and inspire others. **Tech stack** used - Android SDK, Flutter, Dart, moor database, Google API, Firebase, Firebase cloud-Store.

ACHIEVEMENTS

- Finished as a **runner up in the IEEE GovTechThon'20**, out of the 100+ teams selected for the hackathon.
- Invited to the Hackverse conference

SKILLS

Languages	Python, C++, Typescript, Rust
Frameworks	ExpressJS, Django, React, NextJS
Tools&Technologies	Git, Vim, Firebase, Github, Gitlab, Mitmproxy, Wireshark