

# K.N ANANTHA NANDANAN

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## EDUCATION

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**Amrita Vishwa Vidyapeetham**

August 2019 - March 2022

*B.Tech in Computer Science and Engineering*

*Kollam, Kerala*

Overall GPA: 8.44

## WORK EXPERIENCE

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**Eindhoven University of Technology**

October 2021 - March 2022

*Research Student*

- Implemented the algorithm for **Handling Incomplete Information in Policy Evaluation** using Attribute Similarity Graph.
- Analysed the effectiveness of the algorithm for deciding verdict for user access request in broad systems.

**Spoon**

June 2021 - August 2021

*Associate Technology Engineer*

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

**Traboda**

December 2020 - April 2021

*Backend Developer*

- Implemented necessary API endpoints in an end-to-end Cyber Security learning platform using GraphQL and Django.
- Added a user password security measure by implementing a password pwned checker.

**amFOSS**

September 2019 - Present

*Member & Mentor*

- 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**

September 2020 - July 2021

*Member*

- 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

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**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

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- 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

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<b>Languages</b>	Python, Typescript, Rust, GraphQL, SQL, BASH
<b>Frameworks</b>	MERN, Django, React, NextJS
<b>Tools&amp;Technologies</b>	Git, Vim, Firebase, Github, Wireshark, Docker, Vscode