

# Akshaj S R

## Student | Software Developer

## ABOUT ME

I am a third-year B.Tech student with a passion for learning and exploring solutions. Currently, I work part-time as a software developer at Traboda CyberLabs, contributing to meaningful products. I enjoy traveling and connecting with nature, which fuels my creativity. I am driven to make a positive impact and thrive in collaborative environments where I can apply my skills effectively.

## EXPERIENCE

### TRABODA | SOFTWARE DEVELOPER

Feb 2022 - Present | Kerala, India

#### • CTF PLATFORM

- Resolved numerous bugs and implemented feature enhancements in Traboda's CTF platform, trusted by esteemed clients including Team BiOS (India's Number one CTF team), Schneider Electric, and other organizations. Recognized as the second most significant contributor to the platform, ensuring a seamless and reliable experience.
- Integrated secure coding challenges, empowering users to address vulnerabilities through a browser-accessible virtual machine (VM) with both GUI and CLI options. Recognized among a diverse participant base, this platform effectively fosters practical cybersecurity skills and engages aspiring professionals in the field.

#### • VIDYUT MULTIFEST WEBSITE

- Contributed in the development of website for our college fest, Vidyut - National Level Multifest 2023, facilitating seamless registration for 8000 users. Notably, 3500 attendees registered for the pro show, workshops, and competitions.
- Managed high traffic with 2000 users competing for only 200 early bird tickets to the pro show.
- Successfully collaborated as Team Traboda, ensuring timely delivery, superior quality, and coordination, resulting in an enhanced college experience for students.

## PROJECTS AND CONTRIBUTIONS

- Developed and deployed my portfolio website, showcasing my skills and projects. The website is built using Next.js, a React framework, tailwind CSS and firebase as the database. The website is hosted on Vercel, a cloud platform for static sites and serverless functions.
- Developed an AI chat-bot using langchain and falcon 7B. It is ran on Flask and hosted on vercel.
- Developed puppeteer scripts to automate data entry processes at Amrita Hospitals, Faridabad. Streamlined manual GUI input for 20-25 input sessions, across 10 computers, accelerating the process. This invaluable script proved instrumental on the eve of the inauguration, greatly assisting the hospital team. The script remains in use, empowering staff with efficient data entry capabilities.

## EDUCATION

### AMRITA

### VISHWA VIDYAPEETHAM

#### B.TECH IN AI

Present | Kerala, India

Current CGPA: 8.4

### SARASWATI VIDYANIKETHAN

Grad. May 2021| Kerala, India

CBSE - Class 11-12

Grade: 95.6%

### BHARATHAMATHA HSS

Grad. May 2018| Kerala, India

SCERT - Class 10

Grade: A+

## CONTACTS

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## COURSEWORK

### BTECH IN COMPUTER SCIENCE AND ARTIFICIAL INTELLIGENCE ENGINEERING (CS-AIE)

Computer Networking

Data Structures and Algorithms

Big Data Analysis

## TECHNICAL SKILLS

**Programming Languages:** Python, Java, C++, JavaScript

**Web Development:** Django, HTML, CSS, JavaScript, React, Next.js

**Databases:** SQLite, MySQL, PostgreSQL

**Cloud Technologies:** AWS (EC2, RDS, S3, EKS)

**DevOps:** Git, Docker, Kubernetes, Ansible, rancher, k9s