

AASHISH VINU

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OBJECTIVE

Software Engineer specializing in Back-End Development and Project Management, with over 3+ years of experience in Python.

EDUCATION

Bachelor of Computer Science, APJ Abdul Kalam Technological University Expected 2026

SKILLS

Technical Skills Programming, Data Analysis, Project Management, Cyber Security, Database Administration
Soft Skills Communication, Teamwork, Problem-solving, Adaptability

EXPERIENCE

Senior Back-End Developer Jan 2024 -
The Parent Company *Trivandrum, Kerala*

- Developed [makemypass](#), a platform that has been successfully integrated as the ticketing partner for multiple events.
- Significantly enhanced my backend development expertise through mastery of **FastAPI**, **PostgreSQL**, **Redis**, **Arq Workers**
- Implemented seamless **Dockerization** of the application stack, leveraging **Docker**, **NGINX**, **Grafana**, **Prometheus**, and **GitHub Actions** for efficient CI/CD pipelines and streamlined deployment processes.

Back-End Lead / Project Manager Feb 2023 - Mar 2024
Gtech Mulearn *Trivandrum, Kerala*

- Oversaw the backend team, providing guidance, mentorship, and technical expertise to ensure project success.
- Managed and directed the development of a website for **YIP KERALA**, fulfilling the role of Project Manager.
- Developed a complex Discord bot integrated with databases using **Discord API**
- Conducted testing and debugging for bot reliability.

Back-End Intern Dec 2022 - Feb 2023
Gtech Mulearn *Trivandrum, Kerala*

- Utilized **MySQL**, **Django**, and its **REST** framework for API creation.
- Actively contributed to developing and managing the [pLearn](#) Web Platform and Discord Bot, attracting over 15,000 monthly visits and 20,000+ users and a cumulative of 1,00,000+ visits
- Enhanced **Team collaboration** and **Communication** skills by participating in discussions and code reviews.
- Gained proficiency in using **Jira** for task management, sprint planning, and issue tracking.

Iot and Robotics Intern Jan 2019 - March 2020
Rotech Edu *Kozhikode, Kerala*

- Participated in **First Lego League**, designing and building robots based on LEGO components.
- Developed multiple **automation projects** using **Arduino** and **NodeMCU** for smart solutions.
- Gained hands-on experience with **Raspberry Pi**, implementing various projects and applications.
- Created an **automated school bell system** using **Arduino**, improving efficiency and scheduling.
- Acquired **basic 3D printing** and **Blender** skills, applying them for rapid prototyping and design.

PROJECTS

Secret Pixel : A web application that leverages the principles of stenography

Hoogo : The ultimate tool for community gatherings and team building events. Create, play, and make networking faster and fun.

Minute Discord Bot. : A Discord bot that participates in voice chats, records the discussions, and provides a summary of the meeting afterwards.

EXTRA-CURRICULAR ACTIVITIES

- Engaged participant in [IEDC](#) , [IEEE](#), [Mulearn](#) , [TinkerHub](#), [Pygrammers](#) communities
- Served as a judge at the [Karma Tech Fest](#) and [Yukti Tech Fest](#) hackathons.
- Led the organization of multiple hackathons, including [Grand Tech Adventure](#), [Scaleup](#), [Top100Coders](#)
- Managed events for [Sunbird](#), [Mulearn](#), [Kerala Startup Mission](#)