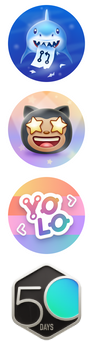


# GANISH DEEPAK



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A Computer Engineering student with entry-level experience in software development. Eager and adept at collaborating with diverse teams to develop creative technical solutions for complex software engineering problems to create impactful software experiences.

## PROJECTS

### Smart White Cane Stick

SIH 2022 Winner  
[Indian Ministry of Health and Welfare]  
[Patent No: 202241060687 ]

Led design and development of AI-powered smart white cane, integrating LLM, real-time object detection and GPS tracking. Achieved 92% accuracy in object detection with positional analysis. Integrated TTS, Bluetooth, SOS, live location tracking and voice assistant with over 100+ languages. Field-tested with 3 visually impaired individuals.

### Mutual Funds Dashboard

2023

Built a MERN stack mutual fund tracking dashboard featuring automated fund lookup, live data for 45.2k+ funds, & in-depth profit/loss analysis. Users enjoy a secure & fluid UI with JWT & Google login, plus light/dark mode customization. Perfect for investors & advisors to manage & analyze their portfolios effectively.

### PolicyPal Extension

2023

[Featured in Lib Hunt]

Developed an AI based browser extension which is featured in lib-hunt. It analyzes and summarizes T&Cs and privacy policies using model backend and Fast API. The extension has the potential to help users make more informed decisions about their online privacy.

## SKILLS & PROFICIENCIES

- Programming Languages
  - Python | (Expert)
  - Java | (Proficient)
  - C, C++ | (Expert)
  - JavaScript (Proficient)
- Full Stack Development
  - HTML, CSS, JS | (Expert)
  - Flask, Fast API | (Proficient)
  - ReactJS, NodeJS | (Proficient)
  - NextJS | (Beginner)
  - MySQL, MongoDB | (Proficient)
- Data Structures and Algorithms
  - OOPS | (Proficient)
  - DSA | (Proficient)
- React Native ( Expo ) | (Beginner)
- Arduino, Arduino IDE | (Proficient)
- Rasa Framework | (Proficient)
- Soft Skills
  - Agile life cycle
  - Collaboration, Communication

## EDUCATION

**BE Computer Science and Engineering**  
Bannari Amman Institute Of Technology  
Sathyamangalam.

8.5 CGPA

[Pursuing] 2021-2025

## PROJECTS

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### OneBIT Application

2023

OneBIT, a **one-stop solution** for students at my college, **solves all the major problems** students often encounter. The app offers a native UI for leave applications, reward points tracking, online FA exams, student profile dashboard, ChatGPT integration, and an in-built browser. Widely used by colleagues.

### Students Activity Portal

2023

Developed an interactive management portal using **Flask** and **MongoDB** for my college management team for tracking student achievements to provide reward points and to monitor leaves and on duties including security clearance which is **actively being implemented** in the campus for over **7k** students.

## ACHIEVEMENTS

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- Smart India Hackathon 2023 Winner (AI smart whitecane)
- Smart India Hackathon 2024 Finalist (Type 1 cloud admin tool)
- Build a project that's featured on LibHunt (PolicyPal)
- Meta AR Hackathon 2022 Winner
- Received project funds from Indian Ministry of Health and Family Welfare
- BitHacks hackathon 2022 Winner (Campus management portal)
- BitHacks hackathon 2023 Winner (Gen AI news summarization)

## INTERNSHIPS

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### INCOIS (GOV Body)

Hyderabad [remote]

2024

Worked on developing fish species identification and count estimation models for interconnected fish dropping points. Utilized a custom dataset collected from the **live environment** to train and validate the models, ensuring **real-world applicability**.

### ThryD Technologies (startup)

2022 - 3 Months

Developed an **NLP-powered chatbot** using rasa framework to aid students in competitive exam preparation. It generates diverse question types (MCQ, short answer, long answer) aligned with study materials and evaluates student responses, promoting interactive learning.

### Twinnny.me (startup)

San Francisco [remote]

2023 - 1 Month

Worked on building a **digital twin** of popular internet influencers to enable them to automate their tasks of fans interaction. Specially worked on **diffusion and lora models**

### RamPeX Technologies (startup)

2023 - 3 months

Built a visually engaging landing website with React. that focuses on smooth animations, intuitive UI, and seamless **JSON-based content editing** without code editing. This **production-ready** website is still actively used by the company.

## HOBBIES

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- Linux ricing
- Home networking and automation
- Freelancing
- Badminton



I Ganish Deepak, declare that all the details provided above are true to the best of my knowledge