

HARIGOVIND C B

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PROFILE SUMMARY

Backend-focused software developer with experience building scalable APIs, data-driven applications, and production-ready services using Python, Django, and FastAPI. Skilled in designing REST APIs, database-backed systems, and integrating backend services with modern web applications. Experienced in PostgreSQL, system design principles, and CI/CD workflows. Passionate about building reliable backend infrastructure and developer-focused tooling.

EDUCATION

Amrita Vishwa Vidyapeetham, Amritapuri Bachelor's in Computer Science (Artificial Intelligence) (CGPA: 8.06/10)	Nov 2022 - Present
St Antony's Public School, Kanjirappally, Senior Secondary (GPA: 9.67)	Jun 2020 - Mar 2022
Viswajyothi CMI Public School, Angamaly Higher Secondary (GPA: 10)	Jun 2007 - Mar 2020

SKILLS

Languages & Frameworks	Python, JavaScript, SQL, Bash, Django, FastAPI, Node.js
Frontend & Databases	React, Next.js, PostgreSQL, MongoDB
Tools & DevOps	Docker, GitHub Actions, Vercel, Railway, Git
Concepts	REST APIs, Authentication, WebSockets, System Design, CI/CD
Soft Skills	Leadership, Teamwork, Problem Solving, Technical Communication
Languages	English, Malayalam, Hindi

EXPERIENCE

Project Intern Amrita Vishwa Vidyapeetham	Oct 2023 - Sep 2024 <i>Amritapuri, IN</i>
<ul style="list-style-type: none">Developed backend services and APIs for a Tabletop assistive robot system, enabling real-time interaction between hardware controls and the user interface. Designed data flow between frontend controls and backend processing modules to support responsive device operation..	
Mentor, Developer amFOSS	Feb 2023 - Present <i>Amritapuri, IN</i>
<ul style="list-style-type: none">Active member and mentor at the open-source club in Amrita Vishwa Vidyapeetham. Collaborated on various projects within the club and conducted workshops and hackathons for students to improve their skills.	
Open Source Contributor <i>Wikimedia Foundation</i>	2024 - Present <i>Remote</i>
<ul style="list-style-type: none">Contributing to VideoCutTool and ISA Tool. Improving features, usability, and functionality for a better user experience. Engaging in issue tracking, discussions, and development.	

PROJECTS

Task Ninja – AI Task Manager App: Designed and implemented backend APIs using Django to manage task workflows, user authentication, and productivity analytics. Built database models and REST endpoints to support task creation, prioritization, and performance insights, integrating AI-based suggestions to enhance user productivity.

Jot-It-Down: Developed backend services for a collaborative note-taking platform with secure authentication and note sharing. Implemented REST APIs and database models using Django to support real-time collaboration and structured data storage.

Academize: Built a backend-driven academic tracking platform with PostgreSQL database design and REST APIs for managing GPA data, assignments, and progress analytics. Integrated backend services with interactive dashboards using Django and Chart.js.

Wikimedia VideoCutTool: Contributed to a production-grade open-source tool used across the Wikimedia ecosystem. Implemented feature improvements, resolved bugs, and enhanced media processing workflows through collaborative development and code reviews.

AI Driver Assistance System: Created an AI-based system with real-time object detection, lane tracking, and traffic sign recognition using YOLO and OpenCV. Developed safety features like collision alerts and visual warnings to simulate driver-assist functionalities.

LEADERSHIP & COMMUNITY

Indic Wikimedia Hackathon Kochi 2025 — Lead Organizer Organizing a 3-day hackathon in Kochi focused on Wikimedia technical contributions. Coordinating logistics, participant support, and session planning to enable collaboration across MediaWiki-related projects.

Vidyut Hackathon 2025 — Lead Organizer Organized the flagship hackathon as part of Vidyut, Amrita's national tech fest. Managed end-to-end logistics, mentorship, judging, and sponsorship coordination. Enabled 100+ participants to build and present innovative solutions in 36 hours.

Wikimedia Hackathon Kochi and Bhubaneswar 2024 — Coordination Support Managed logistics, scholarships, and speaker coordination. Managed venue setup and facilitated collaboration between developers and Wikimedia mentors.

Hacktoberfest 2024 & 2023 — Organizer Hosted online and offline Hacktoberfest events at Amrita Vishwa Vidyapeetham, engaging 200+ participants. Led workshops on Git, GitHub, and open-source contributions. Managed partnerships, sponsorships, and technical support.

COURSES

Wikimedia Train the Trainer (2024): Community-building and developer mentorship training [\[Certificate\]](#)

Postman API Fundamentals Student Expert: Earned the [Postman Student Expert Badge](#), demonstrating proficiency in API design, testing, documentation, and lifecycle management.

NVIDIA Fundamentals of Deep Learning: Completed the [course](#), gaining expertise in deep learning architectures and their applications.

DataCamp Machine Learning & Data Science Courses: Completed multiple courses covering Machine Learning and Deep Learning, focusing on analyzing complex datasets and understanding DL architectures.