

Harikrishnan Aneesh

Full Stack Developer

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SUMMARY

Full stack developer with proven experience building and deploying real-world web and blockchain applications. Skilled in crafting dynamic UIs using React, building robust backends with Node.js and Express, and integrating AI and smart contract features. Driven by a passion for solving real problems through clean, scalable code and modern development practices.

EXPERIENCE

- **AI/ML Intern** May 2024 – Jul 2024
IBM SkillsBuild via CSRBOX Remote
 - Built **WaterSmart**, an AI chatbot using **IBM Watsonx Assistant** to promote water conservation and sanitation awareness
 - Designed 45+ intents and 30+ entities with contextual, multi-turn dialogue flows aligned with **UN SDG 6** goals
 - Optimized chatbot accuracy through user feedback analysis, knowledge base refinement, and NLP tuning
 - Technologies Used: IBM Watsonx Assistant, NLP, JavaScript, REST APIs, Git, Agile

PROJECTS

- **AI-Powered Autobiography Generator** 2025
Major Project – Full Stack Developer Next.js, FastAPI, Python, React, OpenAI API Source Code
 - Developed a full-stack AI application that generates personalized autobiographies from user input.
 - Built a responsive UI using Next.js and React, and created FastAPI-based backend for real-time content generation.
 - Integrated OpenAI API, speech-to-text, and image captioning to enhance accessibility and user experience.
- **AI-Powered Expense Tracker** 2025
Personal Project – Full Stack Developer MongoDB, Express.js, React, Node.js, OpenAI Source Code
 - Developed a full-stack expense tracking app with JWT authentication and protected dashboard routes.
 - Integrated OpenAI API to extract amount, category, and date from natural language input (voice/text).
 - Implemented voice-to-text with Web Speech API and stored expenses in MongoDB with dynamic category filtering.
 - Designed responsive UI using React and Tailwind CSS; handled backend routes and user sessions via Express.js.
- **Crowdfunding dApp** 2025
Personal Project – Blockchain Developer Solidity, React, Hardhat, Vite, Material-UI, MetaMask Live Demo – Source Code
 - Built a decentralized crowdfunding platform allowing users to create, view, and fund blockchain-based campaigns.
 - Implemented ETH-based donations with image uploads, creator-controlled campaign closures, and donation history.
 - Designed a responsive interface with MetaMask wallet integration and deployed smart contracts using Hardhat.

TECHNICAL SKILLS

- **Full Stack:** React.js, JavaScript, HTML, CSS, Tailwind CSS, Node.js, Express.js, FastAPI, MongoDB, REST APIs
- **Tools & Others:** Git, Postman, Vercel, Render, OpenAI API, Solidity (Basic), Hardhat, MetaMask

EDUCATION

- **Cochin University of Science and Technology** Kochi, Kerala
B.Tech in Computer Science and Engineering – CGPA: 7.3 Oct 2021 – May 2025