

Amith Biju

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 [amithbiju](#) |  [amithbiju](#)

Kerala, India

OBJECTIVE

Dedicated Developer with a proven track record of building responsive web applications, integrating complex backend systems and programming in C, C# and Python . Seeking opportunities to leverage my expertise in React.js, Node.js, MongoDB, Javascript, Java ,C,C# and Python to develop innovative solutions and contribute to impactful projects.

EXPERIENCE

• Quest Global – Internship

May 2025 – July 2025

AI/ML Intern – Project: HubPilot (for Mitsubishi)

Onsite / India

- Developed a chatbot for HubPilot, an internal AI assistant designed for Mitsubishi as part of a strategic collaboration project
- Gained hands-on experience in fine-tuning pretrained language models and building AI agents for information retrieval and interaction
- Implemented conversational flows using LangChain and vector search with FAISS for dynamic query handling
- Integrated Flask back-end with a secure authentication layer to serve AI responses through a custom UI
- Made LLM queries through Cosmos DB and worked extensively on Microsoft Azure for scalable deployment and data integration
- Collaborated with cross-functional teams, applying Agile methodology and version control via GitHub for rapid development

• IEEE SCT SB

January 2024 - January 2025

Webmaster

Kerala, India

- Served as webmaster, leading development of responsive web applications for IEEE student branch
- Developed and deployed multiple React.js and static websites, improving digital engagement by 40%
- Manage full-stack deployment process including domain registration, server configuration, and hosting
- Implement CI/CD workflows for seamless updates and maintenance of organization's digital presence

• Insights Labs

March 2023 - April 2023

Web Developer

Thiruvananthapuram, India

- Delivered two complex React.js projects with tight deadlines, meeting all client requirements
- Coordinated with cross-functional teams to integrate ML algorithms and blockchain functionality
- Implemented responsive UIs using modern JavaScript frameworks and component-based architecture
- Participated in agile development process from requirements gathering to production deployment

EDUCATION

• Sree Chitra Thirunal College of Engineering

March 2022 - 2026

B.Tech, Computer Science & Engineering

Thiruvananthapuram, India

- Currently pursuing Bachelor's degree with focus on web technologies and software engineering, Current GPA: 8.1

• Christ Nagar (CBSE board)

2020 - 2022

Senior Secondary (XII)

Thiruvananthapuram, India

- Percentage: 91.00%

PROJECTS

• ChatET: WhatsApp Bot for Student Attendance

2024

Tools: Node.js, Flask, MongoDB, whatsapp-web.js



- 500+ current users in the college
- Developed an automated WhatsApp bot providing real-time student attendance and college-related information
- Engineered Node.js backend with whatsapp-web.js for messaging and Flask for secure web scraping
- Implemented MongoDB database for efficient data storage and retrieval of student information
- Created comprehensive system documentation and demonstration video for user onboarding
- Demo: [Demo Video](#) | [Documentation](#) | [Live Bot](#)

• Aadhaar Health Connect: Unified Health Platform

2024

Tools: React.js, Node.js, MongoDB, Firebase, Express



- Developed a unified health data platform integrating individual health records with Aadhaar cards
- Created secure authentication system with multi-level access for patients, doctors, and administrators
- Built responsive front-end interface with React.js for seamless user experience across devices
- Implemented summarization algorithms to provide doctors with quick access to critical patient information
- Engineered robust data security protocols to ensure privacy and compliance with health data regulations
- **AI-Powered Internship Recommendation Platform** 2024
Tools: Next.js, Python, RAG, XGBoost, MongoDB [🌐]
 - Developed a web platform that matches students with companies by analyzing GitHub projects using Retrieval-Augmented Generation (RAG)
 - Implemented intelligent ranking of student-company matches using XGBoost; managed vector embeddings using MongoDB
 - Web scraped real-time internship listings from Internshala to enhance recommendation accuracy
- **Trundler – AI-Based Self Checkout System** 2024
Tools: React, Node.js, SQL [🌐]
 - Designed and implemented a self-checkout system to minimize customer wait times in retail settings
 - Developed features such as voice-based product addition, ingredient detection, and AI-powered suggestions for healthier or more affordable alternatives
- **Dawninc.store: E-commerce Web App** 2023
Tools: React.js, Node.js, Express, MongoDB, Stripe API [🌐]
 - Architected and developed a complete e-commerce platform for a clothing brand from concept to deployment
 - Designed responsive UI with React.js and implemented state management using Redux
 - Built RESTful API with Node.js and Express for product management, user authentication, and order processing
 - Integrated secure payment gateway using Stripe API with comprehensive error handling
 - **Demo:** [Live Website](#)
- **Magic Menu: Restaurant Ordering System** 2023
Tools: React.js, Next.js, Firebase, Tailwind CSS, Payment Gateway API [🌐]
 - Developed a comprehensive digital menu platform enabling small restaurants to streamline ordering process
 - Implemented Next.js framework for server-side rendering and optimized performance
 - Created real-time order tracking system with Firebase backend for immediate kitchen notifications
 - Built secure payment processing system integrated with restaurant management dashboard
 - **Demo:** [Demo Video](#) | [Admin Panel Demo](#)

SKILLS

- **Frontend Development:** React.js, Next.js, HTML5, CSS3, JavaScript (ES7+), Responsive Design, Tailwind CSS
- **Backend Development:** Node.js, Express.js, RESTful API Design, Flask, Authentication Systems
- **Databases:** MongoDB, MySQL, Firebase Realtime Database, Cloud Firestore
- **Cloud & DevOps:** Firebase (Google Cloud Platform), AWS EC2, CI/CD, Web Hosting, Domain Management
- **State Management:** Context API, Redux, React Hooks
- **Development Tools:** Git, GitHub, VS Code, Postman
- **Other Skills:** Programming in C, C#, Python, Java

LANGUAGES

- JavaScript
- Python
- C, C#
- Java

ADDITIONAL INFORMATION

Languages: English (Proficient), Malayalam (Native)

Interests: Progressive Web Apps, Microservices Architecture, Open Source Contribution, IOT