

# Alen Babu

Backend Engineer

B.Tech Computer Science Graduate

Alen Theethai Babu

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## About me:

A passionate software engineer focused on learning new technologies and building innovative, scalable solutions that create real impact.

## Skills

- Proficient in C++, C, Python, PHP, Java, HTML/CSS/JS
- Backend development, API integrations, Git version control
- Cloud and Server Management
- Database design, query optimization, and debugging
- AI/ML
- Leadership, Teamwork, Networking and organizing
- Languages known: Malayalam, English, Tamil

## Work Experiences

### Associate backend engineer

Ruby Seven Studios | Kochi, Kerala  
Since December 2024.

### Intern

NeST Cyber Campus | Kochi, Kerala  
Winter 2022

## Educational Background

### B.Tech in Computer Science and Engineering

Rajagiri School Of Engineering And Technology  
November 2020 – 2024  
Kochi, Ernakulam, Kerala, India.  
CGPA:8.31

### High Schooling

Gulf Indian High School  
Completed March 2020, Dubai, UAE.  
Grade 12 mark :92.8%  
Grade 10 mark :92.6%

## Projects

**Banking AI Chatbot:** Full-stack system with Python backend, MySQL DB, chat interface, admin dashboard, and NLP-powered banking automation.

**AI assistant** that understands voice commands, automates tasks, and provides an intuitive graphical interface using natural language processing.

**College Admission Suggestion System:** College Admissions Prediction System that accurately forecasts admission cutoffs.

**Dog breed classification and recommendation using ResNet and cosine similarity:** An online platform connecting dog owners.

**Hospital Management System: Management System** integrating an SQL database with an HTML GUI.

## Extra courses

Minors in robotics  
Honors in Machine Learning  
Python for Data Science  
AWS Cloud Practitioner  
Kubernetes and Docker  
Google cloud Platform  
Full Stack Development

## Awards

- Merit awards at RSET
- GATE 2024 qualified
- Award for outstanding performance in CBSE examinations
- Google AI Campus Fest-Tensorflow Hackathon
- Slash Key hackathon by Intel Developer Zone