

KRISHNAN K ACHARYA

Full Stack Developer

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Certificates: https://drive.google.com/drive/folders/lz-hePqYSHS_EtDcJH-nCnNK8YMRVg4cz?usp=sharing

GitHub: <https://github.com/CipherZemo>

Profile Summary

Highly motivated B.Tech Computer Science graduate with hands-on experience in full-stack web development using the MERN stack. Skilled in building scalable applications with RESTful APIs, authentication systems, responsive frontend, reliable backend architecture and database management using MongoDB. Passionate about writing clean code, solving real-world problems, and continuously improving technical skills through internships and practical implementations. Strong foundation in debugging, testing, deployment and version control. Committed to continuous learning and delivering efficient, user-focused solutions. Actively seeking opportunities to contribute to scalable web applications and grow as a software engineer.

Academic Qualification

SI.NO	Course	Year of Completion	Institute	Aggregate
1	<i>B.Tech in Computer Science Engineering</i>	2021 – 2025	APJ Abdul Kalam Technological University, Kerala TKM Institute of Technology	CGPA: 6.94/10(First class)
2	Higher Secondary Examination (Grade: 12)	2021	Kerala Board of Public Examinations, India St Antony's HSS	Percentage: 93.83%
3	Secondary School Leaving Certificate (Grade: 10)	2019	Kerala Board of Public Examinations, India SNSM HSS	Percentage: 80.2 %

Internships & Training

1. **CORIZO India** (Remote)
2. **ACADEMOR Ltd.** (Remote)

17 Aug- 30 Sept 2024
16 Aug- 16 Oct 2023

3. **DEVTOWN Inc.** (*Remote*)
4. **HIGBEC PVT LTD** (*On site*)

15 Oct 2024 – 15 Mar 2025

3 Mar 2025 – 31 Mar 2025

Core Competencies

- HTML, CSS, JS, MySQL
- MongoDB, Express, React, NodeJS
- TailwindCSS, Bootstrap
- RESTful API, Authentication, Debugging/Testing, Deployment
- Git, GitHub, Postman, MongoDB Compass & Atlas

Experience & Position of Responsibility

1. **DEVTOWN Campus Ambassador** – Intern (Aug – Feb 2025)
2. **CORIZO Internship in Web Development** - Intern (sept – oct 2024)
Built and enhanced several applications to improve user interaction and user experience.
3. **HIGBEC PVT LTD in Machine Learning** - Intern (mar 2025)
Created and labelled various datasets for several ML models to train them and improve their accuracy. Trained several ML models using Jupyter Notebook.
Improved a Waste Management Robot which works on YOLO

Project

1. AUTOMATED WASTE MANAGEMENT ROBOTIC SYSTEM FOR efficient COLLECTION AND SEGREGATION OF dry and wet waste- A robotic system which identifies and segregates different types of waste at an area. Using a powerful YOLO ML model, it segregates waste with accuracy of 86.3%. The robot's movements were controlled by an ESP32 microcontroller, whereas Arduino nano was used to control a robotic arm infused with a cam to detect and handle waste.

2. A BLOG WEBSITE using NodeJS – A blog application for users where they can post and view blogs. Users can also comment and like others post. NodeJS was used as backend which handles all the CRUD operations of users and MongoDB was chosen as database. Frontend was made using HTML, CSS, JS and EJS.

3. An EMS WEBSITE that handles all CRUD operations – An EMS application where we can handle employee data and related info. A user can perform all the CRUD operations to manage employee's data in an organisation. NodeJS was used as backend which handles all the CRUD operations and MongoDB was chosen as database. Frontend was built using HTML, CSS(Bootstrap), and JS.

4. Full-Stack URL Shortener Service (Short.ly) – A full-stack URL shortening service built with the MERN stack (MongoDB, Express.js, React, Node.js). This application allows users to shorten long URLs, track click analytics, and manage their links through a private, authenticated dashboard. The core functionality allows any visitor to submit a long URL and

receive a shortened, unique link. When this short link is used, the service redirects the user to the original destination while invisibly tracking the number of clicks.

Certifications

1. **Commonwealth Bank Software Engineer Job-sim on Forage** *Jan 2026*
Forage
Enrolment Verification Code - FGDdpcZPHwxFjSW3b
2. **Blackbird Australia Software Engineering virtual experience** *Feb 2026*
Forage
Enrolment Verification Code - Sm2iSsMMAq5WPLXo5
3. **JPMorgan Chase & Co's Software Engineering on Forage** *Feb 2026*
Forage
Enrolment Verification Code - wpXBf4bzGDrDxa5GP
4. **Quantum's Software Engineering Job Simulation on Forage** *Feb 2026*
Forage
Enrolment Verification Code - 8ByfHfibNMAyZcxr8
5. **Skyscanner's Front-End Software Engineering Work** *Feb 2026*
Forage
Enrolment Verification Code - yHLXry4GaANLSv82L
6. **Campus Ambassador** *Oct 2024*
DevTown
<https://cert.devtown.in/verify/1QFzWp>
7. **Google Developer Students Club** *July 2024*
Cloud Computing and DevOps
<https://cert.devtown.in/verify/Z1haDD4>
8. **Web Development Intern** *Sept 2024*
CORIZO
Wipro Dice id: CRZ70I79
<https://cert.diceid.com/cid/GnaQvZTD3e?verify=true>
9. **Machine Learning Intern** *Mar 2025*
HIGBEC PVT LTD