KRISHNAN K ACHARYA

Full Stack Developer   +91- 9539571610

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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	*B.Tech in Computer Science Engineering*	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)*   *17 Aug- 30 Sept 2024*
2. **ACADEMOR Ltd. (***Remote)*   *16 Aug- 16 Oct 2023*

3. **DEVTOWN Inc.** *(Remote)*   *15 Oct 2024 – 15 Mar 2025*
4. **HIGBEC PVT LTD** *(On site)*   *3 Mar 2025 – 31 Mar 2025*

Core Competencies

- HTML, CSS, JS, MySQL
- MongoDB, Express, React, NodeJS
- TailwindCCS, 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. **Quantium'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: CRZ70179
   https://cert.diceid.com/cid/GnaQvZTD3e?verify=true
9. **Machine Learning Intern**   *Mar 2025*
   HIGBEC PVT LTD