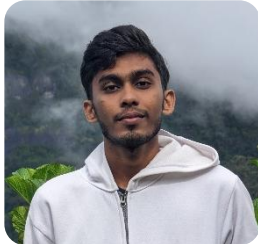


# K M Chamoda Pramudika

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## ABOUT ME



*I'm an undergraduate student at the University of Moratuwa, currently pursuing a degree in Computer Science and Engineering. I'm passionate about creating innovative tech solutions that make a real impact. I specialize in building smooth, user-friendly interfaces, fine-tuning backend systems, and diving into emerging technologies to stay ahead of the curve. Beyond the code, I love collaborating with others to bring ideas to life and turn challenges into opportunities. Whether it's a new app, a system redesign, or a tech experiment, I'm always eager to learn, build, and grow.*

## EDUCATION

### University of Moratuwa

2022 - Present

BSc (Hons) Computer Science Engineering  
Mainstream  
Current CGPA – 3.57

### Sri Devananda College - Ambalangoda

2013 – 2021

G.C.E. Advanced Level -2021  
Stream - Physical Science

G.C.E. Ordinary Level -2018

## PROFESSIONAL EXPERIENCE

## PROJECTS & EXTRACURRICULAR

### MyCampusHome – One-Stop Student Housing Platform

Dec 2024

- Designed and developed an innovative web-based platform that simplifies student accommodation searches near Sri Lankan universities
- Implemented authentication using JWT and Google OAuth for secure user login
- Developed responsive UI using React.js & Tailwind CSS for seamless cross-device usability
- Built a RESTful API backend using Node.js, Express.js, and MongoDB
- Integrated cloud-based image storage via Cloudinary for property listings
- Managed a team of four, ensuring smooth collaboration and effective task delegation

### Supply Chain Management System

Aug 2024 - Nov 2024

- Designed and developed a comprehensive SCM system to streamline tea distribution logistics across Sri Lanka
- Engineered a robust backend using Node.js, Express.js, and MySQL for seamless data handling
- Developed React.js-based dashboards for Admin, Store Managers, and Drivers to manage shipments efficiently
- Implemented JWT authentication and role-based access control for secure data management
- Created real-time analytics for order trends, delivery efficiency, and workforce management

## CURRICULUM VITAE

### VOLUNTEERING

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#### **Graphic Designer – IET**

**Jun 2024 - Present**

- Create visual content for IET on Campus University of Moratuwa chapter
- Design promotional materials, event banners, and social media graphics

### SKILLS

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**Programming languages:** JavaScript, Python, Java, SQL

**Computer software/ frameworks:** React.js, Express.js, MongoDB, MySQL, Tailwind CSS, Bootstrap, Redux, JWT, Google OAuth, Axios, Docker, Amazon Web Services (AWS), Git

**Languages:** English (Limited working proficiency), Sinhala (Native)