

Kamal U G

Entry-level software developer
Thiruvananthapuram, Kerala, IN

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PROFILE

A highly motivated and detail-oriented Computer Science Graduate with a strong foundation in software development, algorithms, and data structures. Holds a fundamental understanding of various programming languages such as Python, Java, and C. Eager to apply academic knowledge and hands-on project experience to work on exciting engineering projects, committed to learning more and growing professionally.

EXPERIENCE

- **Orinson Technologies Private Limited, Internship** Sep 2024 - Present
Web Developer Internship

EDUCATION

- **Bachelor of Technology - Computer Science Engineering** 2020 - 2024
Mohandas College of Engineering & Technology, Thiruvananthapuram, Kerala (KTU) CGPA: 7.78
- **Class XII - Higher Secondary Education - Computer Science** 2018 - 2020
Govt. Boys Higher Secondary School, Neyyattinkara, Thiruvananthapuram, Kerala Percentage: 91%
- **Class X - Central Board of Secondary Education** 2017 - 2018
Viswabharathy Public School, Neyyattinkara, Thiruvananthapuram, Kerala Percentage: 89%

SKILLS SUMMARY

- **Languages:** C, HTML, JavaScript, CSS, Java (Beginner), Python (Beginner)
- **Frameworks:** Django , React JS
- **Tools:** GIT, MySQL
- **Platforms:** Windows, MacOS
- **Soft Skills:** Self-learning, Teamwork, Problem-solving, Time Management

PROJECTS

- **Blockchain-Based Document Authentication in Flood Affected Areas**
 - Developed a blockchain-based authentication system for document digitization in flood-affected areas to streamline the government compensation process.
 - Utilized React for front-end development, HTML and CSS for structure and styling, and SQLite for local data storage.
 - Responsible for the design, implementation of the front-end interface, integrating the blockchain mechanism, and ensuring overall system performance and security.
- **Voice-Based Email for Blind**
 - Developed a Python-based voice-controlled email automation system enabling users to interact with their Gmail account through speech commands.
 - Utilized Python, Speech recognition, Text-to-Speech, Google Speech API, selenium WebDriver, SMTP and IMAP protocols to develop a voice-controlled email automation system for interacting with Gmail via speech commands.
 - Responsible for the design, implementation, and testing of the system, enhancing accessibility for visually impaired users by providing a voice-driven interface for managing emails.

CERTIFICATIONS

- Currently enrolled in the '100 Days of Code: The Complete Python Pro Bootcamp' course.
- Completed NPTEL MOOC Course on C Programming and Assembly Language.
- Completed Cisco Certified Network Associate - certification issued by networking hardware company Cisco.
- Done an internship training on Android Application Development by Kwick Lab.