

# Mohammed Sahal PK

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## PROFFESIONAL SUMMARY

**Full Stack Developer** with strong experience in designing, building, and securing end-to-end web applications. Completed multiple real-world projects using modern stacks such as **React** and **Node.js**, involving **RESTful APIs**, **user authentication**, **NoSQL database integration**, and **website security best practices**. Skilled in **web vulnerability assessment**, **penetration testing**, and **secure coding practices** to ensure robust application defense. Proficient in both front-end and back-end technologies and experienced with **version control (Git)**. Recognized for writing clean, efficient code and delivering **secure**, **responsive**, and **user-friendly** solutions.

## EDUCATION

<b>B.E in Information Science</b> , Yene Poya Institute of Technology   University: VTU   CGPA: 7.0	2022-
Visvesvaraya Technological University	2026
Current CGPA: 7.02	2020-
<b>Pre-University Education</b> , Board of Higher Secondary Examination Kerala	2022
Percentile : 84	2019-
<b>Secondary Education</b> , Board of Public Examination Kerala	2020
Percentile : 86	

## SKILLS

<b>Programming</b> Python, C, JavaScript, C++, SQL, NoSQL	<b>Web Development</b> HTML, CSS, React, Node.js-Express	<b>Database Management</b> MySQL, MongoDB, PostgreSQL
<b>Version Control</b> Git, GitHub	<b>API Development</b> RESTful APIs	<b>Tools &amp; Platforms</b> GitHub, Postman, VS Code Jupiter Notebook, Collab
<b>Cyber Security</b> Wireshark, Metasploit, Burp Suit, Nmap, Nessus		

## EXPERIENCE

<b>Cyber Security Intern</b> Interns Forge, Bengaluru	August 2025 -November 2025
<ul style="list-style-type: none"><li>Collaborated with industry professionals to gain practical experience in cybersecurity, focusing on real-world applications and solutions.</li><li>Enhanced technical and analytical skills through hands-on projects, guided mentorship, and exposure to industry tools and best practices.</li></ul>	

## PROJECTS

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### Career Companion System

Full-stack web application for job seekers that uses machine learning to recommend personalized career paths and job opportunities based on user profiles and preferences.

### E-commerce Web Application

Created a Mern stack application with user authentication, product browsing, shopping cart, and a basic checkout system.

### E-Learning Platform

**Developed a full-featured MERN stack application** with secure user authentication, course browsing, video lessons, live classes, certificate generation, progress tracking, and integrated payment gateway. Implemented an instructor dashboard for efficient course management and deployed the platform on **Render** for scalable production hosting.

### Packet Analysis Tool

This project focuses on real-time network monitoring and traffic inspection to identify suspicious patterns and malicious activities. The tool utilizes network packet capture and analysis techniques to enhance cybersecurity visibility and incident detection

## LANGUAGES KNOWN

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**English:** Full Proficiency (R/W/S) **Malayalam:** Native (R/W/S)

## DECLARATION

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I hereby declare that the information provided above is true to the best of my knowledge and belief. I understand that any discrepancy found may lead to disqualification of my candidature.