

Neeraj Manivarnan

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EDUCATION

TKM College of Engineering

B.Tech in Computer Science and Engineering. CGPA:6.98

Kollam,Kerala,India

2021 - 2025

SNSM HSS

Higher Secondary Education. 97%

Kollam,Kerala,India

2019 - 2021

EXPERIENCE

Backend Developer

Hestia web team,TKM College of Engineering.

March 2024 – April 2024

Kollam, Kerala

- Developed a comprehensive sponsor management system on the backend of Hestia's website, improving data organization and accessibility by 75%

Open Source Developer

Mesherery

January 2024 - February 2024

remote

- Identified and corrected an error in the documentation related to mesheryctl, reducing user-reported issues by 20%.

TECHNICAL SKILLS

Languages: Java,Python,HTML,CSS,JavaScript,C,C++

Frameworks: Spring,Spring-boot,React,Bootstrap,Django

Developer Tools/DevOps Tools: Linux,Git, Docker, Kubernetes,Terraform, Google Cloud Platform,Amazon Web Services,Maven,JUnit unit testing CI/CD,Azure-devops,Scripting in Python and bash

Databases: MySQL,MariaDB,SQL,Hibernate,ORM(Object-Relational Mapping)

Other Skills: Microservices,Data Structures and algorithms,Code debugging

Soft Skills: Communication,Networking,Team work,Team building

PROJECTS

TKMTube | Spring-boot, React, MySQL, JWT Auth,Docker,Kubernetes,Maven

February 2024 – May 2024

- Designed and implemented a scalable microservice-based social media platform using Springboot to address the need for a centralized media storage.

[\[Project Link\]](#)

Yieldify | Spring-boot, React, MySQL,Docker,Maven,REST APIs

April 2024

- Incorporated mathematics and normal distribution to develop a web app which automates the investment and thereby automating 60% of the manual task.

[Project Link](#)

School Time Table Manager | Java,Swing,JDBC

August 2023 – Decemeber 2023

- Designed and built a time table management application to streamline scheduling for teachers

[\[Project Link\]](#)

Chrome extension | HTML,CSS,JavaScript

January 2024

- Engineered a highly efficient chrome extensions to take notes which boosted my productivity by 40%.

[\[Project Link\]](#)

CERTIFICATIONS

• Linux for beginners - Udemy

• Meta Frontend development - Coursera

• Meta Version Control - Coursera

• Master Java, Spring 6 and Spring Boot 3 with JDBC, JPA, Security, Docker and Microservices with Telusko - Udemy

PERSONAL ACHIEVEMENTS

- **Google Developers Students Club Hackathon Finalists** (April 2024): Held at SCT College of Engineering, Trivandrum, Kerala. Successfully managed a team of four to achieve 80% of the core functionalities using Spring-boot and REST APIs for Yieldify within 24 hours, ensuring a strong foundation for further development. This teamwork contributed to our team's top 5 finish.
- **Competition:** Secured first prize in a debugging competition at the national level techno-cultural fest organized by the Computer Society of India, TKMCE.
- **Stock Market:** Achieved a 6% half-yearly return through option selling and a 16% ROCE (Return on Capital Employed) through swing trading.
- **Sports:** District level badminton player in 2019.

POSITIONS OF RESPONSIBILITY

- **Ambassador FOSS CELL, TKM College of Engineering, Kollam, Kerala:** Championed FOSS culture at TKM College of Engineering, advocating open-source software adoption; organized 5+ workshops and events, increasing student engagement with open-source projects by 30%
- **Organizer, Open Source Week (FOSS CELL TKMCE IEI CSE TKMCE), TKM College of Engineering:** Organized Open Source Week, a collaborative effort between FOSS CELL TKMCE and IEI CSE TKMCE. This event aimed to raise awareness and encourage participation in open-source software development.