

# NEERAJ MANIVARNAN

+91 9447011691 ◇ Kerala, India

[neerajmanivarnan@gmail.com](mailto:neerajmanivarnan@gmail.com) ◇ [LinkedIn](#) ◇ [Portfolio](#) ◇ [Github](#)

## EDUCATION

**B.Tech in Computer Science and Engineering**, TKM College of Engineering. Expected 2025  
Relevant Coursework: Data Structures and Algorithms, Object Oriented Programming, Database Management System.

**Higher Secondary Education**, SNSM HSS, Kollam. 2019 - 2021

## SKILLS

<b>Technical Skills</b>	Java, Python, React, Spring-boot, Spring, Django, MySQL, MariaDB, Hibernate, ORM
<b>DevOps Tools</b>	Linux, Git, Docker, Kubernetes, Terraform, Jenkins CI/CD, Azure Devops, JUnit Testing
<b>Cloud computing</b>	AWS ( <b>Certified Cloud Practitioner</b> ), Google cloud platform
<b>Other &amp; soft skills</b>	Microservices, code debugging, Communication, Networking, Team building and collaborating

## EXPERIENCE

**Backend Developer** Mar 2024 - April 2024  
Hestia Web Team, TKM College of Engineering *Kollam, Kerala*

- Developed a comprehensive sponsor management system for the Hestia's website backend.
- Improved data organization by 75%
- Integrated this system into a website with more than 4000 users.

**Open Source developer** Jan 2024 - Feb 2024  
Meshery, Cloud Native Manager *Remote*

- Identified and repaired broken links within project documentation, enhancing accessibility and user experience.
- Reduced user reported issues by 10%

## PROJECTS

**TKMTube.** Designed and implemented a robust and scalable microservice-based social media platform utilizing Spring Boot to effectively address the need for centralized media storage. This involved architecting multiple microservices to handle user authentication, media upload, and retrieval. [\[Project Link\]](#)

**AWS Infrastructure Provisioning with Terraform.** Designed and provisioned scalable AWS infrastructure using Terraform, resulting in a 50% reduction in deployment time and a 30% decrease in configuration errors.

**Yieldify.** Incorporated mathematics and normal distribution to develop a web app using Spring Boot and React, thereby automating 60% of the manual tasks. [\[Project Link\]](#)

**Chrome extension.** Developed a streamlined Chrome extension for note-taking, utilizing advanced JavaScript frameworks. Increased personal productivity by 40%. [\[Project Link\]](#)

## CERTIFICATIONS

- AWS Certified Cloud Practitioner
- Meta Version Control - Coursera
- Master Java, Spring 6 and Spring Boot 3 with Security, Docker and Microservices with Telusko - Udemy
- Linux for beginners - Udemy

## EXTRA-CURRICULAR ACTIVITIES & POSITIONS OF RESPONSIBILITIES

- As the Ambassador of FOSS CELL at TKM College of Engineering, championed the FOSS culture by advocating open-source software adoption and organizing 5+ workshops and events, which increased student engagement with open-source projects by 30%.
- Debugging Competition: Secured first prize in a debugging competition at the national level techno-cultural fest organized by the Computer Society of India, TKMCE.
- Google Developers Students Club Hackathon Finalists: Successfully managed a team of four to achieve 80% of the core functionalities for Yieldify within 24 hours, ensuring a strong foundation for further development and a top 5 finish.