

ROHITH YANAMALA

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[LinkedIn](#) | [Portfolio](#)

INDIA

SUMMARY

Aspiring Software Developer with a Master's in Advanced Computer Science and hands-on experience building full-stack web applications using **Java**, **Spring Boot**, **Node.js**, and **React**. Strong in backend development, **RESTful** API design, **database** integration, and **object-oriented programming**. Enthusiastic, quick learner, and ready to contribute to dynamic development teams and real-world software systems.

TECHNICAL SKILLS

- Programming Languages: Python, Java, C, C++, JavaScript (ES6) and PHP.
- Data Structures and Algorithms.
- Web Technologies: HTML, CSS, Laravel, React js, Git, Spring Boot,
- Databases: MySQL
- Methodologies: Agile (Scrum basics), SDLC
- Cloud: Basic knowledge of AWS (EC2, S3)
- Tools: Visual Studio, Git, Docker, MySQL, Postgres.
- Knowledge of database design and Relation Database.

PROJECTS

Course works:

Book Reviews Microservice API (Personal Project | Java, Spring Boot, MySQL)

- Developed a scalable microservice API using Java and Spring Boot for users to register, authenticate, and manage book reviews.
- Integrated a **MySQL database** for persistent storage and ensured secure user authentication workflows.
- Implemented **RESTful APIs** using **Spring Boot**, following microservice architecture principles.
- Engineered modular code for easier future enhancements, including planned integration with the Open Library API and advanced CRUD functionalities.
- Tools: **Java**, **Spring Boot**, **Maven**, **MySQL**, **REST APIs**
- [GitHub Link](#)

Book Notes – Using Node, Express, EJS - January 2024

- Developed a full-stack web application enabling users to track books they've read and record personalized notes or favorite excerpts.
- Implemented complete CRUD functionality for book notes, allowing users to add, view, update, and delete entries.
- Fetching the data from Open Library using Axios and express.
- Connecting to database for Storing the data of the user's recommendations.
- Implemented cookies using Passport (a NPM package) to keep users login session for 24hrs.
- Tech Stack: **Node**, **Express**, **POSTGRES**, **EJS**, **react**, Axios, Passport, **Git**.
- [GitHub Link](#)

B. Tech:

Design and Implementation of Step-Up Generator (Major project in Bachelor's) - June 2021

- Designed and implemented a Step-up Generator using MATLAB and Simulink Library.
- Tech Stack: MATLAB (Simulink)

CERTIFICATIONS

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|---|-------------|
| • Responsive Web Design - FreeCodeCamp | August 2020 |
| • CS50P - Introduction to Python Programming - Harvard CS50 | April 2023 |
| • JavaScript Algorithms and Data Structures - FreeCodeCamp | May 2023 |
| • CS50 Introduction to Computer science - Harvard CS50 | Sept 2023 |

EDUCATION

Master of Science - Advanced Computer Science - January 2022 - January 2023 - Swansea University
- Wales, United Kingdom.

Bachelor of Technology - Major: Electrical and Electronics Engineering - June 2018 – May 2021 - Vel
Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology - Chennai, India.

HOBBIES

- Gaming, Travelling, Cricket, Tech News, Tech Gadgets.

References available upon request.