

ROHITH YANAMALA

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

KADAPA, INDIA

SUMMARY

I am a software engineer with a strong passion for software development. I possess expertise in several programming languages, frameworks, and technologies. I am a quick learner and always keen to create efficient and high-quality code. Solid communication skills allow me to work effectively in both individual and group contexts. With a proven track record of adapting to diverse challenges and leveraging my extensive knowledge across various domains, I am confident in my ability to contribute innovative solutions and drive success in your organization. I seek a dynamic and collaborative work environment where I can apply my skills, learn, and contribute to meaningful projects, aligning with my passion for Software Development.

EDUCATION

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

- **Academic Projects**

- **Smart Contracts (Block Chain Technology) - January 2022**

- I coded smart contracts for transactions using Ganache, MetaMask, and Solidity in Java.
 - Tech Stack: Ganache, Meta Mask.

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.

- **Academic Projects**

- **Smart Billing Cart - March 2018**

- Designed and implemented a Billing Cart where user can scan their products when they are shopping, they can remove items and check the total balance of the products they kept in the cart.
 - Tech Stack: ARDUINO IDE, C++.

EXPERIENCE

Course works:

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

- Designed and developed a Java-based microservice API that allows users to **register**, **authenticate**, and **submit/view book reviews**.
- Implemented **RESTful APIs** using **Spring Boot**, following microservice architecture principles.
- Integrated a **MySQL database** for persistent storage and ensured secure user authentication workflows.
- Planned future enhancements including **Open Library API integration** and advanced CRUD operations for reviews.
- Tools: Java, Spring Boot, Maven, MySQL, REST APIs
- [GitHub Link](#)

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

- A web based application where user can keep track of books he have read and write down the best parts in user's own words.

- User can perform CRUD operations with notes Adding the notes, Reading notes, updating and deleting notes.
- 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](#)

Python Tic-Tac-Toe (CS50) - April 2023

- Created a tic-tac-toe game that players could play against one other and the computer. Unit Testing was established to execute the test cases for the project's nature.
- Skills Gained: Functional Programming, Object Oriented Programming.
- Tech Stack: Visual Code, Python
- [GitHub Link](#)

Web To-do App, Web Application Development - January 2022

- A web application where users can log in to the site and are able to create and delete tasks.
- Tech Stack: Visual Code, PHP, Laravel, Tailwind, Flexbox.
- [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)

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.

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 |

HOBBIES

- Playing games.
- Listening To Music.
- Watching Movies.
- Jogging.
- Cooking.

References available upon request.