Rohith Vishnu

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EXPERIENCE

May 2024 – July 2024

# Full Stack Web Development Intern, **CURA SOFTWARE SOLUTIONS**

* Developed a comprehensive tool to process and extract text from various document formats, including images within documents, achieving a 95% accuracy rate in text extraction and implemented both basic and advanced search functionalities for multiple keywords and their synonyms in real-time
* Integrated spell-checking and summarization and Enabled users to download summarized documents, which are also stored in MySQL database and Implemented Multi-Factor Authentication (MFA) for secure user login
* Flask, Python, Object Oriented Programming, API’s, MySQL, PyMuPDF, pytesseract, HTML, CSS, JavaScript, Git

April 2024 – May 2024

# Full Stack Web Development FreeLancer

* Developed a full-stack Pomodoro application with MySQL integration for tracking productivity through timed sessions.
* Worked on user authentication and session management for a personalized experience and Created dynamic visualizations using charts to display users' daily productivity and time spent
* NodeJS, ExpressJS, Object Oriented Programming, API’s, MySQL, HTML, CSS, JavaScript, Fetch API, Git and GitHub, Axios (promise based HTTP Client)

Feb 2024 – March 2024

# Web Development Intern, CODSOFT

* Developed an online platform for buying and selling courses.
* Created an interface for learning and skill building.
* HTML, CSS, JavaScript, BootStrap,

education

Sep 2022 – April 2026

## B. Tech Computer Science and Engineering, Vellore Institute of Technology - AP

**CGPA – 9.3**

Sep 2020 – April 2022

## Intermediate (12th) MPC, Race Junior College

**Grade – 93.4%**

April 2020

## 10th Standard, ST. Joseph’s English High School

**Grade – 91.8%**

SKILLS

Java OOPS (object-oriented language) Python HTML & CSS

JavaScript jQuery NodeJS (Express JS)

MySQL Flask Windows & Linux

Git and GitHub Knowledge on (SDLC) Rapid Project Building

Effective Communication skills Problem-solving Adaptability

CERTIFICATIONS and Acheivements

* **Microsoft Learn Student Ambassadors – (Beta Level)**
* Linux Commands and Shell Scripting from **IBM**
* CS-50 Certification from **Harvard**
* Certified Backend Developer from **IBM**
* **Full Stack Web developer Certification** by Angela Yu
* **Oracle Academy Java** Certification
* Selected for the **Smart India Hackathon (SIH)** and Achieved **Top 5** Project Recognition at the University Level
* Served as Co-Lead in my University’s Technical Chapter (**Computer Society of India**)

Projects

**#1) Document Search Reader Tool:** *(Client- Hollard)*

Developed a versatile document processing tool that extracts text from various formats, including embedded images. It features real-time search with support for multiple keywords and synonyms and an Advanced Search which is capable of processing natural human language queries, providing prompt-based results line by line, alongside I have integrated spell-checking and summarization. Users can download and store summarized documents in a MySQL database. Additionally, I implemented Multi-Factor Authentication (MFA) for secure user login.

**Skills Used – Flask, Python, Object Oriented Programming, API’s, MySQL, PyMuPDF, pytesseract, passlibx.hash, spacy,**

**HTML, CSS, JavaScript, Git and GitHub**

**#2) Pro-Pomodoro:**

I developed a full-stack Pomodoro application to boost user productivity by tracking set times and completed tasks. I implemented MySQL database storage for persistent data tracking and created dynamic charts to display daily productivity and time spent. Using object-oriented programming, I built robust and scalable solutions, integrating user authentication and session management for a personalized experience. I adhered to best practices in software development, including code reviews and version control (Git), and quickly adopted new technologies and methods to enhance performance and user experience.

**Skills Used – NodeJS, ExpressJS, Object Oriented Programming, API’s, MySQL, HTML, CSS, JavaScript, FetchAPI, Git and GitHub, Axios (promise based HTTP Client)**

**#3) Bus Automation System:**

Smart Bus is an application designed to manage, send notifications, see traffic updates and Track Buses in real time. (Using HTML, CSS , JavaScript, Bootstrap)

**#4) Code Course – An Edtech Website**

Code Course is an online Platform that allows user to buy and sell courses. This Website provides an interface for learning, skill building and Earning (Using HTML, CSS , JavaScript, Bootstrap)