RUVINDYA SACHINTHANI
Software Engineer

Committed to fostering teamwork, collaboration, and a relentless pursuit of creative solutions. Passionate about continuous learning.

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Technical Skills

- Front End Development
- Back End Development
- UI & UX design
- Figma designing

Tool & Technologies

- Programming Languages
  JavaScript
  Python
  C++
  Java
  HTML
  CSS

- Database
  MySQL
  MongoDB

- Frameworks and Libraries
  React
  React Native
  Node.js
  Spring boot

- Project management tools
  Jira (Scrum, Kanban)

- Version control 3
  Git and GitHub

- Design tool
  Figma

Non-Technical Skills

- Project Management
- Self-Learning
- Analytical Thinking
- Presentation & Communication

Education

BSc. Eng (Hons) in Computer Engineering

Faculty of Engineering, University of Jaffna.
Current GPA : 3.0/4.0
(Nov 2019 -Sep 2024)

Work Experience

Software Engineering Intern

Focalid Technologies (Pvt) Limited
February 2024 – July 2024

- Python FastAPI backend development and API calls handling
- Front End Development in ReactJs, NextJs, typescript and tailwind CSS
- Experience in Docker
- Presentation skills through knowledge sharing sessions

Projects

PROMFITY (Internship Project)

I worked on project called Promfity, engaging in **backend development** with **Python**, implementing end-to-end API calls, and managing databases using **MongoDB**, and **Elasticsearch**. I gained experience in query writing, indexing, and batch processing. On the frontend, I used **React, Javascript** and **Next.js**, applying best practices in **HTML** and **Tailwind CSS**. Additionally, I gained exposure to continuous integration and continuous deployment **(CI/CD)** pipelines, further improving the automation and efficiency of our development process.

(February 2024 – July 2024)

E-commerce web application

Developed a fully responsive e-commerce web application using **React.js**, **Redux**, and **Tailwind CSS**. Designed and implemented key features, including **user authentication**, a **wishlist**, **dynamic filters** (by name, category, price), and a persistent shopping cart using **local storage**. Emphasized a consistent and **user-friendly** interface with **reusable components** and **mobile-first design**. Efficiently managed state and routing with Redux and React Router, ensuring **scalability** and **maintainability**. Incorporated best practices in **validation**, **error handling**, and accessibility to deliver a seamless user experience.

(December 2024)

Achievements

- **YIC CodeStrom** - 5 hours Competitive Programming Competition 2023 (Champions)

- **ACES Coders V10.0** - 12 hours Competitive Programming Competition 2023 (All Island Rank: 21)

- **Mora Xtreme v8.0** - 12 hours Competitive Programming Competition 2023 (All Island Rank: 28)

- **IEEE Xtreme v17.0** - 24 hours Competitive Programming Competition 2023 (Sri Lanka Rank: 63, Global Rank: 811)

Certifications

- The Foundations: Data, Data, Everywhere specialization Google (**coursera**)

- Python Basics for Data Science (edX)

- Applied Scrum for Agile Project Management (edX)

- Certificate of Python 3 Master Course(Learn Tech Plus on Udemy)

Maintenance Mobile Application (Collaborated)

I collaborated with a 7-member team, including developers, UI designers, QA, and me as a **Business Analyst**. I played a pivotal role in **requirement gathering**, **documentation**, and **presentations**, highlighting my **teamwork**, **project management**, and **communication skills** within a multidisciplinary team.

(April 2023 – August 2023)

Multi-omics data in the cervical cancer studies (Research)

As technologies, **Google Colab, Pandas, Scikit-learn, Matplotlib** have been used. Developed accurate machine learning model that can classify subgroups of multi-omics data (DNA methylation, Gene expression, miRNA) in cervical cancer. **Undergraduate Research Project**

(April 2023 – December 2023)

AI Chatbot for Travel Guide Mobile App (Collaborated)

Developed an AI chatbot for the 7th-semester Artificial Intelligence module. The chatbot, operating as a child process in Node.js, leverages **Python** and **OpenAI technologies**, utilizing a Question Answering (QA) Chain for precise responses based on the provided data.

(October 2023 – December 2023)

Online Ordering System (Pet Project)

Built a comprehensive **full-stack web application** for online ordering, utilizing **React, JavaScript, Node.js, Express, and the MongoDB database.** Contributed to the creation of an efficient and intuitive online ordering platform, enhancing customer satisfaction and streamlining business operations.

(October 2023 – December 2023)

North-Sea Government Website (Collaborated)

Website developed for a government company, actively contributing to the prototype design in **Figma**, and worked as a **frontend developer** using **React and JavaScript**.

(September 2023 – November 2023)

Referees

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