

HAMITHA APSARA

Software Engineer Intern

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INTRODUCTION

Dedicated third-year Software Engineering undergraduate with expertise in building responsive web applications and scalable solutions. Skilled in RESTful APIs, database optimization, and UI/UX best practices. Passionate about Agile collaboration, innovative projects, and continuous learning. Seeking an internship to apply technical skills and contribute to real-world challenges.

PROFESSIONAL EXPERIENCE

Associate Image Processor | OREL IT (PVT) LTD

Jan 2020 – Dec 2020

I started my career as an Associate Image Processor at OREL IT (PVT) LTD, where I contributed to AI modeling by analyzing video clips and incorporating human behavior data for automotive AI systems. This role gave me knowledge about AI, data processing.

EDUCATION

Bsc (Hons) in Software Engineering

Sabaragamuwa University of Sri Lanka

Aug 2021 – present

G.C.E. Advanced Level (Physical Science stream)

Sri Dharmaloka College, Kelaniya

2016 - 2018

PROJECTS

STRENGTH (Individual Project) | E-Commerce Website ➡

Sep 2024 – present

- Developed a full-stack eCommerce platform with user authentication, shopping features (Home, Products, Cart, Orders), and an admin panel for product and order management.
- Implemented advanced search functionality, improving user experience and reducing product search time by 30%.
- Built using React.js, Node.js, Express, and MongoDB, ensuring scalability and responsive design.

AgriCure (Team Project) | Tea Leaf Disease Detection ➡

May 2024 – Sep 2024

- Designed and developed an AI-driven Web-app for tea leaf disease detection with image scanning and upload features.
- Trained a machine learning model using Python, achieving 80% accuracy in disease diagnosis.
- Built the frontend with React.js and Bootstrap, and the backend with Node.js, ensuring seamless integration and user-friendly design.

- Created a responsive and user-friendly static website using HTML and CSS, enhancing user engagement and overall experience.
- Focused on UI/UX best practices, ensuring cross-browser compatibility and mobile responsiveness for optimal performance.

- Developed CareBridge, a web platform to enhance social connectivity for cancer patients, using ReactJS, NodeJS, and MongoDB.
- Designed UI/UX prototypes in Figma, reducing development time by 20%.
- Built full-stack features for seamless functionality, improving platform usability and user retention.

TECHNICAL SKILLS				
JavaScript	Python	HTML5	CSS3	SQL
Java	Next JS	React	Bootstrap	Tailwind CSS
Node Js	Express	MySQL	MongoDB	Firebase
Figma	Git	GitHub	Photoshop	illustrator

SOFT SKILLS		
• Problem Solving	• Leadership	• Team Work
• Adaptability	• Effective Communication	• Goal Setting

EXTRA CURRICULAR ACTIVITIES
Career Forge - OC Team Volunteering at IEEE Student Branch SUSL
Observation Divisional Manager SEDS Sabra Chapter

REFERENCES
Ms. Subodhi Wasalathilaka , Lecturer Department of Software Engineering, Faculty of Computing, Sabaragamuwa University of Sri Lanka subodhi@appsc.sab.ac.lk, 0702518629
Mr. Gihan Nadeera , Senior Consultant SoftTech Resources LLC, Texas, United States nadeerag@gmail.com, 0777644404