Jayaru Perera

Software Engineer (Intern)

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PROFILE

Dedicated software engineering student with a strong passion for solving problems and working collaboratively to deliver innovative solutions. With practical experience in full-stack development and cloud computing, I specialize in using frameworks like React, Next.js, and Firebase to create scalable and user-friendly applications. Eager to contribute my skills to an organization that values innovation and collaboration as I begin my career as a software engineering intern.

EDUCATION

BSc. (Hons) in Software Engineering
Sabaragamuwa University of Sri Lanka
Belihuloya, Sri Lanka   *September 2021 - Present*

G.C.E. Advanced Level Examination in Physical Science Stream
Royal Central College
Polonnaruwa, Sri Lanka   *2019*

PROJECTS

Hotel Portal (Individual Project),   **Next.js | MongoDB | Tailwind CSS| Payment Gateway**
- Project Type: Full-Stack Web Application.
- Built a hotel website with room booking, payment gateway, user profiles, and live chat.
- Designed a responsive interface using Next.js and Tailwind CSS.

Eatme (Individual Project),   **React.js | Express.js | MongoDB | Tailwind CSS | Flowbite | PayHere**
- Project Type: Full-Stack Web Application.
- Developed a bakery website with product catalogue, shopping cart, payment gateway, and live chat.
- Used React.js for the frontend and Express.js with MongoDB for the backend.

JurisConnect (Group Project),   **React.js | Three.js | CSS | Blender | Figma**
- Project Type: Full-Stack Web Application
- Created a legal assistance website with interactive 3D courtroom and navigation features.
- Designed the UI in Figma and built pages with React.js. Created a 3D courtroom prototype in Blender and implemented an interactive virtual courtroom experience using Three.js.

Desh E-Mart (Group Project),   **Next.js | MongoDB | CSS | Vercel | Payment Gateway**
- Built an e-commerce website for buying electronics with shopping cart and sign-in features.
- Designed the UI in Figma and implemented functionality using Next.js.

MoodWave (Group Project),   **HTML | CSS | Bootstrap | JavaScript | PHP | MySQL**
- Website for music creators to assess track emotions and for job seekers in the music industry.
- Designed the UI in figma and developed the frontend of the application.

Meal Mate (Group Project),   **React.js | SCSS | Figma**
- Designed a meal-ordering platform for restaurants to streamline orders.
- Built a user-friendly interface using React.js and SCSS.

TECHNICAL SKILLS

Programming Languages: Java, Python, JavaScript, C#, C, TypeScript

Databases: MySQL, MongoDB, Firebase   Frameworks: React.js, Express.js, Tailwind CSS, Three.js

Version Control: Git, GitHub   Tools: Figma, Canva, Blender, Unity, Node.js, Docker, Vercel

SOFT SKILLS

- Leadership and Teamwork
- Self-learning
- Effective communication

- Problem-Solving Skills
- Presentation skills
- Flexibility and Adaptability

PROFESSIONAL EXPERIENCES

PEOPLE'S BANK (Internship) - Polonnaruwa Town Branch
- Worked as a bank teller and assisted with business promotions   *September 2019 - October 2020*

INTERESTS

Web Development   Artificial Intelligence   Mobile App Development   Game Development

ACHIEVEMENTS

Finalists | Codefest | SLIIT ⬈
Inter-University Hackathon

Finalists | Hacktron | SLTC ⬈
Inter-University Game Development Competition

Semi Finalists | ideaX | UOK ⬈
Inter-University Hackathon

CERTIFICATIONS

What Is Generative AI? ⬈
Microsoft - *Issued Oct 2024*

AWS Cloud Technical Essentials ⬈
AWS

Cybersecurity Essentials ⬈
Cisco Networking Academy
Issued Dec 2021

EXTRA CURRICULAR ACTIVITIES

PearlHack 2.0 ⬈
Logistic Team Leader - 2023

IEEE Student Branch in SUSL
Active member

AIESEC in SUSL
Designer - 2023

REFERENCES

Dr. LS Lekamge
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Information Systems
Faculty of Computing
Sabaragamuwa University of Sri Lanka.
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