Upek Kasun Akalanka

Email: upekkasun2003@gmail.com
Phone: +94 703892295
LinkedIn: https://www.linkedin.com/in/kasun-akalanka03
GitHub: https://github.com/Kasun-Aka
Portfolio: https://kasun-akalanka-web.vercel.app/
Location: Colombo 01, Sri Lanka.

PROFESSIONAL SUMMARY

Second-year Software Engineering undergraduate at SLIIT (CGPA: 3.3) with hands-on experience developing full-stack and backend applications using Java, Spring Boot, and SQL. Strong foundation in data structures, software engineering principles, and database systems. Actively learning React, NextJs, TypeScript and NestJS, with a strong interest in building scalable, real-world solutions.

EDUCATION

BSc (Hons) in Information Technology – Software Engineering
Sri Lanka Institute of Information Technology (SLIIT) | 2024 – Present
CGPA: 3.3

Ananda College, Colombo 10 | 2014 - 2024
GCE A/L (2023) – Physics – B, Chemistry – C, Combined Mathematics – S, English – A, IT- A
GCE O/L (2019) – 8As 1B (including ICT, Commerce, Art)

RELEVANT COURSEWORK

Data Structures & Algorithms | Object-Oriented Programming (Java) | Software Engineering (Java) | Database Design & Development | Artificial Intelligence & Machine Learning | Probability & Statistics | Data Communication Networks

TECHNICAL SKILLS

Languages: Java, JavaScript, Python
Frameworks: Spring Boot, React, NestJS
Web: HTML5, CSS3
Databases: MS SQL Server, MongoDB, Supabase
Tools: Git, Postman, Linux (Basics), Canva

PROJECT EXPERIENCE

Health Insurance Management System | Java, Spring Boot, MS SQL Server
• Developed a layered full-stack application following Controller–Service–Repository

architecture.
- Implemented user management, policy handling, billing, reviews, and admin analytics.
- Designed RESTful APIs and optimized database queries for performance.

Wedding Planner Web Application | Java, Spring Boot
- Built a web-based system to manage wedding services and bookings.
- Applied object-oriented principles.

T20 International Match Prediction System | Python, Machine Learning
- Trained machine learning models using historical cricket match data.
- Performed data preprocessing, feature engineering, and model evaluation.

Personal Portfolio Website | HTML, CSS, JavaScript, Node.js
- Developed a responsive portfolio to showcase projects and technical skills.
- Focused on clean UI, performance optimization, and maintainable code.

Small-Scale Business Website | HTML, CSS, JavaScript, Node.js
- Delivered a production-ready website based on real client requirements.
- Ensured usability, responsiveness, and long-term maintainability.

INTERNSHIP EXPERIENCE

Banking Intern – Bank of Ceylon (BOC) | 6 Months
- Assisted in operational workflows and documentation handling.
- Strengthened teamwork, communication, and time management skills.

Banking Intern – People's Bank | 4 Months
- Supported daily banking operations and customer-facing processes.
- Worked with enterprise-level systems and confidential data.

LEADERSHIP

Chief Organizer – Traffic Warden Unit, Ananda College (2021 – 2022)
- Led and coordinated student teams during major school events.
- Developed leadership, planning, and decision-making skills.

SOFT SKILLS

Problem Solving | Critical Thinking | Leadership | Team Collaboration | Adaptability | Time Management

INTERESTS

Full-Stack Development | Backend Engineering | Artificial Intelligence | Learning New Technologies

REFERENCE

S. S. U. Senadheera
Academic Instructor

email: seshmi.s@sliit.lk
phone: +94 710967060