KIRUSHNABALAN VIJAYABALAN

SOFTWARE ENGINEERING UNDERGRADUATE

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PROFESSIONAL SUMMARY

As a Software Engineering Undagraduate specializing in coding and web development, a strong foundation in problem-solving and solution implementation has been developed. The academic background includes university-level coursework in coding and web development, providing a solid basis for addressing technical challenges. Projects are approached with a logical and detail-oriented mindset, with a commitment to reworking code when necessary to ensure precision. This education and dedication to coding excellence enable the delivery of solutions that are both innovative and reliable.

SKILLS

Technical Skills

- **Programming Languages:** Python, Java, JavaScript,TypeScript
- **Frontend Technologies:** HTML, CSS, ReactJs
- **Backend Technologies:** Spring Boot, Node.js
- **Databases:** PostgreSQL, MySQL, MongoDB
- **UI/UX Design:** Figma, Canva
- **Version Control & Tools:** Git, GitHub

Soft Skills

- Time Management
- Good communication
- Problem-solving
- Problem-solving
- Self-Motivation
- Collaborative

EDUCATION

Bsc(Hons) Software Engineering (reading) (2024-2027)
Informatics Institute of Technology collaborate with University of Westminster

First year modules
- Software Development I -65
- Mathematics for Computing -82
- Trends in Computer Science -54
- Computer Systems Fundamentals-92
- Software Development II -77
- Web Design and Development -72

Secondary Education (2014-2022)
Jaffna Hindu College

Grade: 3C in GCE Advanced Level (Physical Science Stream) 2022(2023)
7A, B, C in GCE Ordinary Level (2019)

PROJECTS

TrueLens(SDGP)
TrueLens is a university software development group project focused on analyzing aggregated news articles to detect media biases and misinformation.I contribute backend
Landing Page: www.Truelens.lk
Skills: MongoDB, Node.js,Prisma

Financial Tracker
Created a Python-based finance tracker with Tkinter, OOP, JSON handling, search, sorting, and thorough testing.
Skills: Python, Tkinter, Object Oriented programming

Student Management System
Built a Java Student Management System with OOP, arrays, sorting, and data handling.
Skills: Java, Object Oriented programming

Web Development project
Developed a responsive "Life Below Water" website with interactive navigation, multimedia, and user-friendly features.
Skills: Js, Html, CSS

UI/UX design EcoShift
Designed and prototyped a futuristic green plant app with an innovative and eco-friendly UI/UX.
Skills: Figma

Real-Time Event Booking System
Developed a real-time event ticketing system using Java OOP, multithreading, Spring Boot, PostgreSQL, and Angular for seamless booking management.
Skills: Java, Object Oriented programming, PostgreSQL, Angular(basic), Spring Boot

SOCIETIES AND VOLUNTEER EXPERIENCE

- St. John Ambulance Brigade (Jaffna Hindu College)
- Advanced Level Student Union (Jaffna Hindu College)
- Rotaract Club (IIT)
- IEEE
- IEEE CS
- Organizing Committee-Cutting edge 24

COURSES AND CERTIFICATIONS

- programming with JavaScript, **Meta (Coursera)**
- Version Control, **Meta (Coursera)**
- HTMl and Css in depth, **Meta (Coursera)**
- Problem Solving (Basic), **HackerRank**
- Java Object-Oriented Programming, **LinkdIn**

LANGUAGES

- English - Fluent
- Tamil - Native

REFERENCES

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