



# Shiwarne Silva

## Software Engineer

Dedicated and results-oriented Software Engineer with a passion for crafting robust and efficient software solutions. Equipped with a strong foundation in computer science principles and extensive experience in full-stack development. Proficient in various programming languages, including Python, Java, and JavaScript, with a keen eye for detail and a commitment to delivering high-quality code. Skilled in collaborating with cross-functional teams to analyze requirements, design scalable architectures, and implement innovative solutions to complex technical challenges. Possesses excellent communication skills and a proactive approach to problem-solving.

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**Phone:** +94 76 969 2313 / +94 71 011 5296  
**Date of birth:** 19 Oct, 2004  
**Nationality:** Sri Lankan  
**Social links, website:** <https://www.linkedin.com/in/shiwarne-silva/>

## Experience

Sep 2023 - Sep 2024

### Software Engineer Trainee

**MBiz Software (Pvt) Ltd** Nittambuwa, Sri Lanka

- As a Software Engineer Trainee at MBiz Software (Pvt) Ltd, I developed essential skills in Python for programming and IT automation.
- I delved into Object-Oriented Programming (OOP) and gained proficiency in Java/JavaFX for application development.
- The real-time monitoring aspect enhanced my troubleshooting skills, while React.js expertise enabled me to create modern and responsive user interfaces.
- Additionally, hands-on experience with Laravel for backend development and MongoDB for database management complemented my skill set.
- MBiz Software's comprehensive training environment nurtured continuous learning, equipping me to be a versatile and well-rounded software engineer capable of navigating diverse technological landscapes.

Jun 2023 - Aug 2023

### HelpDesk Executive

**MBiz Software (Pvt) Ltd** Nittambuwa, Sri Lanka

- As an IT Helpdesk Executive at MBiz Software, I had the opportunity to immerse myself in a dynamic and fast-paced environment.
- Responsible for providing first-level support to end-users, I honed my technical skills in diagnosing and resolving issues efficiently.
- The role also involved collaborating with the IT team on diverse projects, from system upgrades to network maintenance.
- Direct interaction with end-users enhanced my communication skills, ensuring a customer-centric approach.
- The company's commitment to professional development through regular training sessions empowered me to stay updated on the latest technological advancements.
- Overall, my time at MBiz Software was a rewarding journey of continuous learning and growth in IT support.

## Education

Jan 2021 - 2025

### Bachelor of Science in Computer Science

**University of Westminster** London, United Kingdom, Affiliated in IIT SL

- Successfully completed a Bachelor of Science with Honours in Computer Science, graduating with **Upper Second-Class Honours (2:1)** from the University of Westminster, London, United Kingdom.
- Developed strong skills in web development, IT support, and software engineering through academic and project-based learning.
- Proficient in JavaScript, React.js, HTML5, CSS, PHP, with hands-on experience in responsive front-end development and user interface design.
- Skilled in MySQL and SQL for database management, with additional programming experience in Python and Java.
- Completed several collaborative team projects, enhancing communication, problem-solving, and interpersonal skills.

May 2021 - Dec 2021

### Foundation Certificate in Computing

**Informatics Institute of Teachnology** Colombo, Sri Lanka

- Graduated with distinction.
- Assistant Sports Director, Leo Club of IIT.
- Member of Rotaract Club, IEEE club of IIT.

2009 - 2021

### Primary and High School

**De Mazenod College** Kandana, Sri Lanka

## Languages

**English**  
Advanced

**Sinhala**  
Native

## Skills

Python  
Programming

Machine Learning

React.js

HTML/CSS

JavaScript  
Teamwork

Java Programming  
Communication

UI/UX Designing  
Creative Thinking

MongoDB  
Digital Marketing

## Projects

- GitHub Profile** - <https://github.com/Shiwarne-Silva>
- Portfolio** - Click the link for the Portfolio (<https://shiwarnesilva-portfolio.vercel.app/>)
- PlantGuard (Final Year Project)** - An AI-powered plant disease detection system using deep learning to classify diseases and provide treatment recommendations in real-time. - <https://github.com/Shiwarne-Silva/PlantGuard>
- Mobile App Frontend Developer Ceylon Ayurveda (UK)** - Developed the complete frontend of a mobile application for therapists and doctors of Ceylon Ayurveda, a UK-based wellness company. The app was built using React Native, enabling seamless cross-platform functionality on both iOS and Android. Designed intuitive user interfaces for key features such as appointment scheduling, patient tracking, and treatment record management, ensuring a smooth and efficient experience for practitioners. The design focused on aligning with Ayurvedic principles while maintaining high standards of usability and performance. - <https://github.com/Shiwarne-Silva/ceylon-ayurveda-therapist>
- ScriptGenAI** - Software Development Group Project (2023): ScriptGenAI is an innovative tool that streamlines presentation preparation by enabling users to upload a slide deck and automatically generate a polished script, ensuring the delivery of an excellent presentation while saving users valuable time and effort in crafting engaging content. - <https://github.com/PurinduWeerawardana/ScriptGenAI>
- TaskFlow** - Introducing a sleek React Native to-do list app, designed to streamline your tasks effortlessly. With seamless login and signup features, organizing your day has never been easier. Add, delete, and manage tasks with just a tap, keeping you on top of your to-do's wherever you go. - <https://github.com/Shiwarne-Silva/todo-list-react-native>
- Calculator** - Created with Kotlin, Calculator mobile app simplifies mathematical tasks on the go. It offers a user-friendly interface and performs basic arithmetic operations with ease, making calculations hassle-free and accessible anytime, anywhere. - <https://github.com/Shiwarne-Silva/Calculator-Kotlin>
- MeX ( Personal Exchange Rate Guardian )** - MeX, a Python-based SMS app, delivers real-time notifications to users regarding exchange rate changes at their selected banks. It offers bank-specific monitoring and enables currency conversions to LKR, ensuring users stay updated on global currency fluctuations through convenient SMS alerts.
- SkySight** - SkySight is a simple weather app made with Kotlin. It gives you accurate forecasts and an easy-to-use interface. Whether you're planning your day or heading out, SkySight keeps you updated on the weather so you're always prepared. - <https://github.com/Shiwarne-Silva/SkySight>
- Mouse Automation Program** - I developed a mouse automation program using Python to move the cursor within a specified time frame. This project involved programming precise cursor movements, enhancing efficiency in repetitive tasks. - <https://github.com/Shiwarne-Silva/Mouse-Automation>.
- Cheque Printing Software** - Java Cheque Printing Software quickly creates error-free cheques with numeric and written amounts, along with recipient details and date. It also generates standardized PDFs for easy sharing. Enjoy polished and professional cheque outputs for personal or business needs.
- Student Progress Outcome** - Software Development Module 1 Project(2022) : A University's program predicts progression outcomes for students at the end of each academic year. It prompts input for the number of credits achieved in pass, defer, and fail categories, then displays the corresponding progression outcome for the student. - <https://github.com/Shiwarne-Silva/Student-Progress-Outcome>-
- Fuel Queue Management System** - Software Development module 2 Project (2022) - <https://github.com/Shiwarne-Silva/Fuel-Queue-Management-System>
- E-Sports Website** - Web Design and Development Module Project (2022)
- Skin Consultation Management System** - Object Oriented Programming Module Project (2022)

## Certificates & Courses

### HTML Essential Training - Issued by LinkedIn

- <https://www.linkedin.com/learning/certificates/4a2977d9abd6459b5f435c564371cd6a1df3733524c035cdd72caacd6f038d62> (Credential URL)

### Python Object-Oriented Programming - Issued by LinkedIn

- <https://www.linkedin.com/learning/certificates/4c31d436f2b1b328f8f574f7e896ef7e4e414a506453606ce9213f1b7ae60d1f> (Credential URL)

### Python Theory for Network Engineers

- <https://www.linkedin.com/learning/certificates/d3ca0c60316f95810fe9b90a8ba985e0ba9f03d8c8415ca4e5a179ace40cbf52> (Credential URL)

### Introduction to Generative AI - Issued by Grow with Google on Coursera

- <https://www.coursera.org/account/accomplishments/verify/EQ6YJVDHBG6C> (Credential URL)

### CSS Essential Training - Issued by LinkedIn

- <https://www.linkedin.com/learning/certificates/dc44140eeca7a5b59d8e898793d48b43e517f19703635a9bb4e8eed4a82e858e> (Credential URL)

### Career Essentials in Generative AI by Microsoft and LinkedIn - Issued by Microsoft

- <https://www.linkedin.com/learning/certificates/cf956318acaeffb9b3496b54b91e19980da98cf30aafef1b7b2e4e245bcd8e81b> (Credential URL)

### Introduction to MongoDB - Issued By MongoDB

- <https://learn.mongodb.com/c/ZS1j7XBxS1q-CvVvyuN3iw> (Credential URL)

### MongoDB Atlas Security - Issued by MongoDB

- <https://learn.mongodb.com/c/B5gBUW5CTRCYORYIaEFzNw> (Credential URL)

### Cert Prep: Adobe Certified Associate - Photoshop - Issued by LinkedIn

- <https://www.linkedin.com/learning/certificates/0fe9ed7e57f27069c55a15bc2d738ad3138670ee71489f2d7376268da70d0f46> (Credential URL)

## Honours & Awards

### Bachelor of Science (BSc) in Computer Science

Upper Second-Class Honours (2:1)

University of Westminster, London, United Kingdom

## References

### Chanduka Samarasinghe

Software Engineer

Direct Line Group - Bromley, United Kingdom

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### Lakmali Baminiwatta

Senior Integration Specialist

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I hereby certify that the above information is true and correct to the best of my knowledge and belief.

Shiwarne Silva