

Shakila Thathsara

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🌐 Portfolio

Profile Summary

4th-year BSc (Hons) Information Systems undergraduate at UCSC with proven full-stack engineering experience. Recently completed a software engineering internship developing decentralized banking systems, specializing in building secure, complex applications using modern Angular and .NET ecosystems. Backed by strong academic performance and diverse project experience across React, Django, and advanced database management, I deliver technically precise and highly scalable user-focused solutions.

Professional Experience

Scienter Technologies (Pte) Ltd. Intern Software Engineer December 2025 - June 2026

- Contributing to the full-stack revamp of eFinancials, a decentralized comprehensive banking system designed for high-reliability financial institutions.
- Developing and optimizing responsive frontend modules using Angular, ensuring an intuitive user interface for complex banking operations.
- Building robust backend services and APIs using .NET, facilitating secure and efficient data processing between the server and client.
- Managing and optimizing database interactions using MS SQL Server to handle large-scale financial data with data integrity and speed.

Education

University of Colombo School of Computing, BSc. (Hons) in Information Systems May 2023 – 2027 (Expected)

- GPA: 3.692 (Current Rank : 10)
- Director's list : Year 1 Semester 1, Year 2 Semesters 1 & 2, Year 3 Semester 1

St. Aloysius' College, Galle

- G.C.E. A/L 2021 (Physical Science Stream) : B C C
- G.C.E. O/L 2017 : 9 A's

Projects

HomeGenie - On-demand Home Service Web portal

🐙 GitHub

(2nd year Group Project)

- Developed a web platform to simplify the search, booking, and management of home services, enhancing user convenience.
- Contribution: Designed and implemented core functionalities for Admin and Customer roles, ensuring effective management and secure operations.
 - PHP Custom MVC, HTML, CSS, JavaScript, MySQL

UniRoute - Helping students find the best university and career path

🐙 GitHub

(3rd year group project)

- Developing a platform for Sri Lankan Students who have completed OL's and AL's to find the best universities by connecting them with university-student mentors for guided advising, scheduled mentoring sessions, and university/program discovery.
- Contribution: implementing features for After A/L students, such as tailored program discovery, mentorship matching, and session scheduling.
 - React, Django, MySQL

3D Platform Game

(Group Project)

- Designed and developed a 3D platform game with obstacles, key collection, and a boss fight featuring an AI NPC.
- Contribution: Responsible for level design and implemented in-game subtitles reflecting the player's inner thoughts for enhanced narrative immersion.
 - Unity 6, C#

Skills

- **Languages:** C, C#, Java, Python, SQL, JavaScript, PHP
- **Frameworks & Libraries:** .NET, Angular, React, Django, JavaFX
- **Tools & Databases:** MS SQL Server, MySQL, Git / GitHub, Figma, Linux, Unity 6, Godot
- **Soft Skills:** Communication, Teamwork and collaboration, Problem solving, Ownership and accountability

Certifications

- **Angular 17+ Fundamentals** - Mark (Techson) Thompson (Frontend Masters)
- **Complete Intro to React, v9** - Brian Holt (Frontend Masters)
- **Django Web Development Framework** - Arbaz Khan (Udemy)
- **Java (Basic) Certificate** - (Hackerrank)
- **Unity 3D : (Game Development)- Basic to Professional Level** - Ganesh Kadam (Udemy)
- **Generative AI Overview for Project Managers** - (Project Management Institute)