Shafi Uzman Fassy

Full Stack Developer

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Results-driven IT graduate with hands-on experience in full-stack web development, database management, and client-facing roles, delivering measurable impacts such as increased client engagement and operational efficiency. Skilled in React, JavaScript, Python, and cloud technologies, with a proven track record of supporting business growth and technology innovation.

EDUCATION

Bachelors of Computer Science (Major: Game Development)   **06/2020 – 07/2024**

Swinburne University of Technology | *Melbourne, Australia*

- Key Courses: Artificial Intelligence for Games, Computer Systems, Concurrent Programming, Software Architectures and Design.
- Awarded High Distinctions and Distinctions in Mobile Development, Blockchain Development, Artificial Intelligence, System Designs and Game Studies.

Foundation in Business   **06/2019 – 03/2020**

Swinburne University of Technology | *Melbourne, Australia*

Diploma in Software Engineering (Pearson Assured)   **08/2017 – 08/2018**

ESOFT Metro Campus | *Colombo, Sri Lanka*

Diploma in Web Engineering (Pearson Assured)   **08/2017 – 08/2018**

ESOFT Metro Campus | *Colombo, Sri Lanka*

CERTIFICATIONS

Azure AI Fundamentals | *Microsoft*   **10/2025**

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Skill Up with Python | *Coursera*   **09/2025**

Responsive Web Design | *freeCodeCamp*   **03/2025**

AREAS OF EXPERTISE

Languages | *C#, JavaScript, Python, SQL, HTML, CSS*

Frameworks | *React, Node.JS, Express.JS, Bootstrap, Tailwindcss, ShadCN*

Technologies | *Git, GitHub, GitHub Copilot, Jira, Figma, REST API, FAST API, Supabase*

WORK EXPERIENCE

7-Eleven | *Melbourne, Victoria*   **09/2022 – 02/2025**

Store Console Operator

- Managed solo store operations and point-of-sale transactions with 99% accuracy, ensuring financial integrity and compliance.
- Initiated upselling strategies, raising promotional revenue by 15% through targeted customer engagement.
- Implemented waste reduction processes, improving stock rotation and reducing compliance incidents.

Professional Software Systems | *Colombo, Sri Lanka*   **01/2019 – 01/2022**

Junior Developer

- Designed and launched client websites, increasing engagement by 30% and achieving a 90% repeat client rate.
- Optimized data workflows with SQL and Python, cutting data processing times and boosting reporting efficiency.
- Led analysis projects using Python, delivering business insights that improved campaign outcomes by 40%.

PROJECTS

GitHub Analyser Telegram Bot | *Python ([Video Demo](#))*   **01/2025**

Developed Telegram bot to detect GitHub profile authenticity by looking at commit patterns and repository metrics, which was used by 100+ users and reduced manual analysis time by 80%.

Logic Inference Engine | *Python, Data Structures ([GitHub Repo](#))*   **04/2024**

Developed a Propositional Logic Inference Engine to determine logical entailment using algorithms like Truth Table, Forward Chaining, Backward Chaining, and DPLL. The engine supports various logical connectives and formats, with DPLL offering the best performance due to its speed and flexibility.

Arcade Capture | *Unity ([Video Demo](#))*   **10/2023**

Developed a 2D Retro Style Tower Defense which was a collaborative project that integrated game design principles with software engineering practices, enhancing problem solving and teamwork skills. The Game was showcased in Australia's largest game convention for game testing and received positive user feedback.

REFERENCES

Aslam Kiyabdeen | *CEO - Professional Software Systems*

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