# SAMIA SOUDAMINI SENZUTI

## Software Engineer | Web Developer | Cloud Solutions

✉ samiasoudamini@gmail.com   ☎ 0410794849   🔗 https://www.linkedin.com/in/samia-senzuti-599b19147/
🔗 https://github.com/samiaSejuti   💼 https://samiasejuti.github.io/portfolio/   📍 Melbourne, VIC

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## *SUMMARY*

Passionate software engineer with experiences in web application development, data analysis, cloud technologies, Android IOS development and UI/UX design. A very creative, fast learner, and result-oriented: I try to do every work as perfect as possible.

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## *EXPERIENCE*

### Associate Instructor, Faculty of IT

**MONASH UNIVERSITY**          *05/2023 - Present*          *Clayton, VIC*

- Guide students in Front-End Web Development using the MVC design pattern
- Teach Bootstrap for UI/UX design, enabling students to create visually appealing and responsive websites.
- SQL database usage and management, preparing students for complex data handling.
- Teach deployment and management of web applications on Microsoft Azure cloud.

### Industry Experience

**MONASH UNIVERSITY & TELSTRA GROUP LTD.**

*07/2023 - 10/2023*          *Website: https://iteration3.univerze.me/*

- Developed a platform with a five-member, diverse IT team to assist international students in settling in Melbourne
- **Technologies Used:** Next.js, React, Material-UI (MUI), DaisyUI, Tailwind CSS, MySQL, Vercel, Github

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## *ADDITIONAL EXPERIENCE*

### Associate Instructor, Data Fluency

**Monash University**
*06/2022 - Present*

- Instruct Python and R programming for data exploration, cleaning, and interpretation, ensuring data readiness.
- Provide data visualization training using Python, R, MS Power BI, HTML, CSS, and JavaScript D3 library.
- Use R Shiny for the development of interactive web applications

### Business Executive

**Business Automation Ltd.**
*11/2020 - 02/2021*

- Managed IT products and streamlined help desk processes across 54 countries in the African region

### IT Business Analyst

**Apex Property Ltd.**
*09/2019 - 03/2020*

- Developed and executed sales proposals while overseeing U.S. clients and contractors to ensure adherence to technical and business standards.
- Conducted onboarding sessions for new hires and developed training materials to enhance team skills.

## *EDUCATION*

### Masters in Information Technology

**Monash University**
*03/2021 - 12/2023*          📍 *Clayton, VIC*

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## *SKILLS*

### Front End Development

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|---|---|---|---|---|---|
| **HTML** | **CSS** | **Javascript** | **React** | **Bootstrap** | **Git** |
| **C#** | **Next.js** | **AWS** | **Azure** | **Rest API** | |

### Back End Development

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|---|---|---|---|
| **SQL** | **Mongodb** | **PostgreSQL** | **Firebase** |
| **Python** | **Node.js** | **Express.js** | |

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## *PROJECTS*

### NexaScan: Hospital CT scan scheduling platform

**Technologies Used**: C#, ASP.NET 7, Github, Bootstrap, MySQL

- The platform offers secure login, allowing patients to choose doctors, book visits, rate and review practitioners. It also enables administrators to send detailed reports and attachments to patients

### Containerized Image Detection and Serverless Cloud Storage

**Technologies Used**: Python, YOLOv3-tiny, OpenCV-Python, Flask, Docker, Kubernetes, AWS (Lambda, S3, API Gateway, DynamoDB, Cognito, IAM)

- A toll service that captures car number plates at gates, stores images in S3 bucket, uses Python to detect numbers, retrieves driver details from DynamoDB, and notifies drivers.

### Android goal setting app

**Technologies Used:** Java, Firebase, API, Mapbox

- Developed an Android app that allows users to authenticate, set goals, visualize their progress on maps, and track goal achievement.

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## *CERTIFICATION*

The Complete 2024 Web Development Bootcamp

**UDEMY**

Developed full-stack websites with HTML, CSS, JavaScript, Node.js, Bootstrap, React, and PostgreSQL.