

# Siji ADARAMAJA

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## EDUCATION & CERTIFICATION

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### University of Ottawa

Honors BSc in Computer Science and Minor in Economics

Sep 2020 – Dec 2024

### Amazon Web Services

AWS Certified Solutions Architect – [Associate](#)

July 2024 – July 2027

## PROFESSIONAL EXPERIENCE

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### ITC Advisory Services (Junior Software Developer)

Internally Generated Revenue consultant tasked with generating revenue for state governments from various sources within its jurisdiction.

May 2023 – May 2024

- Developed a web application for ITC that increased state revenue collection efficiency by 30%, streamlining the process of identifying and managing untapped revenue sources within government jurisdictions.
- Tasked with the end-to-end development and continuous maintenance of ITC Advisory Services' web application, employing advanced skills in ASP.NET.
- Architected and implemented intricate back-end functionalities, leveraging the capabilities of .NET Core MVC to optimize performance and ensure seamless integration with databases.
- Leveraged Microsoft SQL Server for robust database design, optimization, and seamless data integration.
- Web platform engineered for ITC enabled a 25% reduction in processing time for revenue collection, improving the accuracy and transparency of revenue streams across multiple state government agencies.

### Elemental Data Collection (Data Analyst Intern)

Professional Services partnership specializing in the acquisition of valuable data assets to meet the unique requirements of esteemed clients.

June 2021 – Sep 2021

- Utilized Python and R for scripting to streamline and automate survey data-gathering processes.
- Employed SQL for database management, ensuring seamless integration and storage of collected survey data.
- Created insightful data visualization using Power BI to effectively communicate insights to clients and stakeholders, resulting in a 25% increase in client satisfaction scores.

## PROJECTS

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### Portfolio Website

Personal website showcasing my programming skills and the projects below with source code and live links

<https://sijimaja.com/>

### ITC Advisory Services Web Application

A comprehensive website for a government revenue generation company, focusing on user-friendly design and efficient functionality using **ASP.NET**, **CSS** and **Microsoft SQL Server** for seamless data integration.

<https://itcadvisory.com/>

### Spam Email/Malicious URL Detector

Developed a web-based application to identify and filter spam emails, enhancing email security by integrating machine learning models trained to make highly accurate predictions. The project involved creating and deploying a user-friendly interface using **Flask** for the backend and **Python** for model development. The machine learning models were trained and tested using a variety of algorithms to ensure optimal performance. The website allows users to input email data and receive real-time spam detection results.

<https://github.com/sijimaja/Spam-email-detector>

### Web Portfolio Design

Designed a personal website portfolio from scratch using **ReactJS** with **JSX** and styles using **SCSS**. This website showcases a collection of my professional and personal projects, highlighting my skills in web development.

<https://sijimaja.github.io/web-portfolio/>

## SKILLS

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**Programming Languages:** Java, C#, R, Python, JavaScript, Kotlin

**Web Development:** HTML, ReactJS, NodeJS, CSS/CSS3, API Design and Development

**Cloud Services:** AWS (EC2, S3, RDS, IAM, VPC, CloudFront, ELB, Route 53)

**Framework/Tools:** ASP.NET MVC, .Net Core, Agile/Scrum, Android Studio, Angular, MongoDB, MS SQL Server