

Sangeeth Sajan Baby

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[LinkedIn](#) | [Google Scholar](#)

Software Engineer with over 5 years of experience in the Microsoft stack, Python, and Django. Skilled in building microservices, RESTful APIs, and cloud-native applications. Proficient in SQL Server, Azure, and integrating CI/CD pipelines. Focused on delivering scalable, high-performance solutions in agile environments with clean, maintainable code.

TECHNICAL SKILLS

Languages: Go, Python, C#, JavaScript

Front End Technologies: Next JS, React JS

Back End Technologies: ASP.NET Core 6+, Django, Fast API, MSSQL, PostgreSQL, Entity Framework Core

Tools: Git, Docker, Kubernetes, Apache Kafka, Apache Spark, Microsoft Azure, Power BI, Tableau

EXPERIENCE

The Graduate Center, CUNY

New York, USA

IT Assistant

January 2023 - August 2024

- Coordinate and collaborate with other teams and non-technical users.
- Problem-solving and troubleshooting issues in the system and cloud applications
- Validate the functionalities and performance of academic-related applications

Clowderin

Kerala, India

Software Engineer

Mar 2022 – Dec 2022

- Developed web applications in **ASP.NET Core 6** and **MSSQL** for the backend and **React JS** for the front end.
- Deployed the application in Microsoft **Azure** App Service and Blob as the storage service.
- Implemented Job recommendation system in **Django** and **Python 3** and created **RESTful** APIs for data transfer between applications.
- Enhanced Job recommendation algorithm accuracy by 10% through the integration of **LSTM** and **Naive Bayes** models.

GE- Renewable Energy

Bangalore, India

Software Developer – Intern

Sep 2021 – Jan 2022

- Part of a 15-member team for designing and developing functionalities for renewable energy production machines' product lifecycle management system in **ASP.NET MVC 5** and **PostgreSQL** as DB.
- Redesigned the PLM dashboard and integrated FAQ and website walkthrough using **JavaScript**, which potentially enhanced the User Experience and User Onboarding and thus saved 100+ working hours.

J3Ben Foods PVT LTD

Kerala, India

Software Engineer

Jan 2019 – Jan 2020

- Implemented the Pre-Order functionality to the existing project done in **ASP.NET MVC 5**, resulting in a 40% increase in overall online sales.
- Created Cart Conversion algorithms to enhance sales, which increased the cart conversion rate from 26% to 53% in less than 6 months.

IEEE Kerala Section

Kerala, India

Web Developer – Intern

Feb 2018 – Jan 2019

- Managed and built websites in WordPress for IEEE with a more than 10k annual viewership rate.

EDUCATION

City University of New York

New York, USA

MS in Data Analysis and Visualization

Jan 2023 – Dec 2024 (Anticipated)

Amrita University

Kerala, India

MS in Artificial Intelligence

Sep 2020 – May 2022

Kerala Technological University

Kerala, India

BS in Computer Science and Engineering

July 2016 – June 2020

PUBLICATIONS

- SS Baby**, Siji Rani S (2022) Real-time Influencer Detection on Twitter Using a Hybrid Approach. 4th International Conference on Innovative Data Communication Technologies and Application
- SS Rani, SS Baby** (2022) Hybrid **Product Recommendation** System Based on Weather Analysis. 6th International Conference on Advanced Computing and Intelligent Engineering
- SS Baby, SL Reddy** (2021) End-to-End **Product Recommendation** System with Improvements in **Apriori Algorithm**. 3rd International Conference on Inventive Research in Computing Applications