

Swaraj Santosh Sambare

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EDUCATION

Syracuse University - College of Engineering & Computer Science, Syracuse, NY
Master of Science, Computer Science

August 2023 - May 2025

Savitribai Phule Pune University - Pune, MH

July 2016 - June 2020

Bachelor in Engineering, Electronics and Telecommunication

SKILLS

Programming Languages- Java, Python, C, SQL, NodeJS, JavaScript.

Technologies: Spring Boot, React, Docker, Kubernetes, Azure

Tools- Spring Boot, SAP BASIS, React, SQL Server Management, MySQL, Git.

EXPERIENCE

ScriptAnalytica Technologies Pvt. Ltd., Software Developer Trainee

May 2024 - August 2024

- Assisted in the coding, debugging, and testing of applications using **Python** and **NextJS**, enhancing user interfaces and backend services.
- Created a secure document processing feature using Tkinter, PyMuPDF, PyWin32, Cryptography, and Endesive.
- Contributed to CI/CD processes, enhancing deployment efficiency.

C2LBIZ Technology, Software Developer – Pune, MH

January 2022 - October 2022

- Led the development of a new UI feature using **JavaScript** and **Spring Boot**, improving user engagement by 15%.
- Resolved 15+ software defects, enhancing system stability and performance.
- Worked closely with cross-disciplinary teams, including senior developers and project managers, to deliver robust software solutions tailored to user needs.
- Utilized **SQL Server** for data reporting, driving better decision-making processes.
- Tested and fixed software bugs, optimizing performance and improving efficiency by 20%.
- Improved page load times by 20% and system efficiency by 15% through full-stack development.

DXC Technology, Associate Software Engineer – Bangalore, KA

July 2020 - October 2021

- Delivered high-impact solutions that enhanced operational efficiency and reduced lead times by employing advanced problem-solving skills.
 - Diagnosed and resolved high-priority technical issues with an average resolution time of 30 minutes.
 - Produced documentation for server upgrades, leading to a 30% faster incident resolution.
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PROJECTS

TripBin: Your Travel Companion App

<https://github.com/SwarajSam98/TripBin---Your-Travel-Companion->

- Developed a comprehensive and user-centric travel planning mobile application using **Flutter**, enabling seamless cross-platform functionality across Android and iOS.
- Implemented real-time flight booking and destination discovery features, integrating **AviationStack** API for live flight data.
- Collaborated with a team to design a seamless user interface and backend, utilizing Firebase for secure data management and user authentication.
- Optimized real-time updates and security by incorporating flutter_dotenv for secure API key handling and **StreamBuilder** for dynamic content delivery.

Decoding YouTube's Pulse: An In-Depth Analysis of Worldwide Trending Videos

https://github.com/SwarajSam98/Decoding_Youtubes_Pulse

- Conducted a comprehensive analysis of over 1.5 million YouTube trending videos across six countries (India, USA, Denmark, Canada, France, UK).
- Utilized YouTube's open-source API for data collection and enhanced the dataset by integrating additional category names using the YouTube Category API.
- Analyzed trends such as the impact of upload times, days, and categories on video popularity.
- Generated detailed visual insights through data analysis of over 1.5 million YouTube trending videos across multiple countries, identifying patterns in user engagement, upload timing, and content categories.

Job Application Management System

https://github.com/SwarajSam98/Job_Management

- Developed a full-featured MERN stack job portal web application, enabling **applicants to search, apply, and track job applications** while empowering recruiters to post jobs and manage applicants efficiently.
- Engineered **secure JWT-based authentication** and **role-based access control**, ensuring personalized and protected user experiences for both applicants and recruiters.
- Designed and implemented a responsive **React.js frontend** with dynamic routing, state management, and modular components to deliver a smooth and intuitive user interface.
- Created robust and scalable **RESTful APIs using Express.js and Node.js**, handling operations such as job postings, user sessions, application tracking, and profile management.
- Implemented advanced **job search functionality** using fuzzy text matching, keyword filters, and real-time result updates to improve user engagement.