JOAN JEREMIAH

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Skills

Java| Python | JavaScript | Google Cloud | HTML | CSS | React.js | Redux | Node.js| Flask | Spring | Spring Cloud | MongoDB | SQL | Pandas | NumPy | Matplotlib | Data Analytics| Web Design | Next.js | D3.js | TypeScript | REST API | JSON | XML | Data Structures | Leadership | English, Tamil – *All professional proficiency or above*

Education

Bachelor Of Technology   **St. Joseph's College Of Engineering**   *Chennai*   **11/2020 - Current**
- Information Technology **CGPA - 9.51 / 10** (till 4th sem)

Higher Secondary - 12   **Sahayamatha Higher Secondary School**   *Karaikudi*   **03/2018 - 03/2020**
- Computer Science Percentage - **90.5%**

Internship

Backend Intern   **Youth India Foundation**   **10/2021 - 01/2022**

Created an API for an appointment scheduling application using **Node.js**, featuring secure **JWT** authentication. Improved the search engine optimization (SEO) performance of the site by 10%, resulting in increased visibility and user engagement.

Associate Software Engineer   **BlackCoffer**   **01/2022 - 04/2022**

Developed a highly advanced Machine Learning-powered admin dashboard using **React.js** and **Flask**, featuring the ability to train and deploy custom models with high accuracy and make efficient predictions with existing models on a large scale.

Projects

ShopEase 🔗
- Developed an e-commerce web application and designed a user-friendly interface for customers to add products to their cart and checkout using the Stripe payment gateway API.
- Created an admin panel with the ability to add categories, products, and manage orders. **[React.js, Node.js, Google Cloud Storage]**

Business analytics dashboard 🔗
- Designed and developed visually appealing and interactive charts using d3.js and React.js framework, utilizing over 1,000 documents stored on MongoDB.
- Implemented advanced data filtering and aggregation capabilities, allowing for dynamic and flexible analysis of large sets of data. **[Node.js, React, D3.js, MongoDB]**

CRUD Microservices 🔗
- Implemented microservice architecture with Java Spring Boot and Spring Cloud.
- Client-side load balancing (Ribbon), Dynamic scaling (Eureka Naming Server), and an API Gateway (Zuul)
- Developed centralized Microservices Configuration with Spring Cloud Config Server **[Spring Boot, Spring Cloud, Eureka]**

ChatBubble 🔗
- A chat application with multiple rooms where the user can choose to join in any room and chat with room members.
- The application is implemented using socket.io and Node.js. **[Socket.io, Node.js, Vanilla Javascript]**

ReboundX 🔗
- A platform that helps people who are mentally depressed by assessing their emotional state with a questionnaire.
- The answers are fed to an ML model and the results are used to recommend certain remedies such as exercises and podcasts.
- Created a chatbot feature that allows users to have a conversation with a virtual therapist, providing additional support and resources. **[Python Flask, React.js]**

Others

- **Club Lead** in **Google Developer Student Club** - founded and led the Google Developer Student Club, organizing over 10 technical events and engaging more than 200 students.
- **Finalist** in **Smart India Hackathon** 2022
- **Hacktoberfest** 2022 - contributed to **open-source** projects and made 6 successful pull requests.
- **Cloud Digital Leader -** achieved certification from Google Cloud