JOAN JEREMIAH

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Skills

Java| Python | JavaScript | Cloud Computing | 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	<u>**St. Joseph's College Of Engineering**</u>	*Chennai*	**11/2020 - 04/2024**

• Information Technology **CGPA - 9.46 / 10** (till 6th sem)

Higher Secondary - 12	<u>**Sahayamatha Higher Secondary School**</u>	*Karaikudi*	**03/2018 - 03/2020**

• Computer Science Percentage - **90.5%**

Internship

<u>Allos AI</u>

Full Stack Developer   **03/2023 - 06/2023**

Developed a web application that empowers healthcare professionals to annotate X-ray images through the utilization of AI causal engines.

Implemented an intuitive user interface and seamless integration with AI technology, resulting in increased efficiency and accuracy in X-ray analysis and improved the performance of the application by **40%.**

Associate Software Engineer   <u>**BlackCoffer**</u>   **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.

<u>**Youth India Foundation**</u>   **10/2021 - 01/2022**

Backend Intern

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.

Projects

ShopEase 🔗

- Developed an AI powered 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 AI models to analyze user activity and recommend personalized product suggestions based on their browsing and purchasing history, as well as other relevant factors such as demographics, trends, and popular items.
- Created an admin panel with the ability to add categories, products, and manage orders. **[React.js, Node.js, Google Cloud Storage, Google Recommendations AI , Google Cloud retail API, Google Cloud App Engine]**

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]**

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]**

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]**

Achievements and Honors

- **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.
- **Hacktoberfest 2022** - contributed to open-source projects and made 6 successful pull requests across 4 different projects.
- **Finalist** in **Smart India Hackathon (National Level Hackathon)** 2022
- **Top 5** out of **70 teams** in **Hackbites** Hackathon organized by Global Academy Of Technology, 2022
- **Top 30** out of **500 students** for Coding Hackathon conducted by CSI Chennai Chapter at Rajalakshmi Engineering College , 2023
- **Cloud Digital Leader -** achieved certification from Google Cloud