

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 - 04/2024
• 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 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.
- Implemented 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**]

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**]

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