

Shubham Prajapati

Software Engineer

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👤 PROFILE

A tech enthusiast who understands **Product** and **Business** with an **Information Technology** background, having 3 years of professional experience in the field of **Full-stack Software Development**, and a passionate **AI/ ML Engineer**.

📁 PROFESSIONAL EXPERIENCE

Software Engineer, *ideyaLabs Pvt Ltd.* ✍

Jul 2023 – present | Hyderabad, India

Loyalty Points Allocation System: Designed and implemented a **dynamic system** to allocate **loyalty points** based on **user behavior**, **payment transactions**, and **reward history**.

- Developed **machine learning models** to predict **rewards** tailored to individual **user behavior** and **transaction patterns**.
- Enhanced **user engagement** through **personalized** and **dynamic reward recommendations**, boosting **retention** and **user satisfaction**.
- Built and deployed the **service** using **Docker** and **Flask**, ensuring **scalability** and seamless **integration**.

Tech Skills Involved: Machine Learning, Python, Pandas, Feature Engineering, Numpy, Matplotlib, Scikit-learn, Flask, Postgres

Blockchain-APIs Solution: A Blockchain-as-a-Service platform built on Hyperledger Fabric and Corda for simplified business adoption.

- **Proposed and implemented** a tailored **Hyperledger Fabric blockchain solution** to address client-specific business needs.
- **Designed the Fabric Network Architecture**, ensuring a robust and scalable blockchain framework.
- **Set up the Hyperledger Fabric Production Network** on **Kubernetes**, collaborating with the **DevOps team** for seamless deployment.
- **Optimized Hyperedger Fabric Network performance** and achieved **3500+ Transactions Per Second (TPS)**.
- **Designed and implemented a batch transaction** functionality API using **Spring Boot** and **PostgreSQL**, ensuring improved **scalability** and **system performance**.
- **Leveraged Corda Enterprise's blockchain solution**, utilizing the **in-memory token selection mechanism** with advanced strategies, leading to a **145% increase in transaction throughput**.

Tech Skills Involved: Hyperledger Fabric, Golang, Corda Blockchain, Java, Spring Boot, Kotlin, Postgres, MongoDB, Redis, Apache Kafka

Associate Software Engineer, *JAM ZtudioZ - Media | IT | Consulting* ✍

Jun 2021 – Dec 2022 | Thane, Mumbai, India

- **Developed a custom Retail ERP System** with features like POS billing, inventory management, financial accounting, and store analytics.
- **Collaborated with customers** to understand real-world problems and translate them into functional requirements.
- **Innovated project functionality and design** through close teamwork.
- **Created a lawyer consulting app** with chat, video calling, and payment integration using Flutter, Laravel, and Firebase.
- Gained **strong debugging and problem-solving skills** while learning self-testing practices to minimize issues.

Tech Skills Involved: Laravel, Codignator, PHP, MySQL, JavaScript, HTML, CSS, Bootstrap, jQuery, AJAX, Flutter, Laravel, Firebase, JitsiMeet, Razorpay.

🧠 SKILLS

Machine Learning

GEN-AI

Python

MongoDB

Flask

MySQL

Data Analysis

Data Visualization

Feature Engineering

Springboot

Java

ReactJs

Typescript

Tailwind CSS

NodeJS

Express

📁 PROJECTS

Weblify.ai, *AI-Powered Web Development at Your Fingertips* ✍

Weblify is a cutting-edge platform that **leverages AI** and **WebContainers technology** to revolutionize how developers create **full-stack applications**. With Weblify, you can **build, run, and deploy** even the most **complex applications** directly within your **browser**, eliminating the hassle of traditional development environments.

My-AI-Projects-Gallery ✍

- Repo of AI/ML projects I have developed, showcasing various models and solutions

📖 COURSES

Complete Data Science,Machine Learning,DL,NLP Bootcamp

Jul 2024 – present

Acquired comprehensive skills required to work on **Data Science** and **Machine Learning** projects, focusing on in-depth knowledge of **Machine Learning**, **Natural Language Processing (NLP)**, and **Deep Learning**. Currently enhancing understanding of core concepts in **Deep Learning**, particularly in the context of **NLP**, including **Recurrent Neural Networks (RNNs)**, **Artificial Neural Networks (ANNs)**, and advanced architectures like **Encoder-Decoder models**.

🎓 EDUCATION

M.Sc. in Information Technology in AI, *SIES College, SION (E)* ✍

Jul 2021 – Apr 2023 | Mumbai, India

- Postgraduated with: **9.73 CGPA**

B.Sc. in Information Technology, *SIES College, SION (E)* ✍

Aug 2017 – Oct 2020 | Mumbai, India

- Graduated with : **7.95 CGPA**

🏆 AWARDS

Employee of the Quarter, *ideyaLabs Pvt Ltd.*

15 Aug 2024

For **outstanding performance** and significant **contributions** to the **organization's success**

Employee of the Year, *JAM ZtudioZ - Media | IT | Consulting* ✍

20 Aug 2022

Consistently meet targets, demonstrating **leadership** and **teamwork**.