# Shubham Prajapati

## Software Engineer

🖴 shubhamprajapati7748@gmail.com 📞 +91 8369173723 👂 Mumbai, Maharashtra 🔗 Portfolio Site 📢 Github 🛅 LinkedIn

#### **₽** 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
- 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

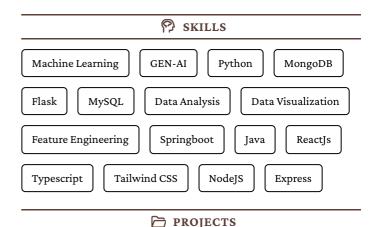
- Proposed and implemented a tailored Hyperledger Fabric **blockchain solution** to address client-specific business needs.
- Designed the Fabric Network Architecture, ensuring a robust and scalable blockchain framework.
- Set up the Hyperledger Fabric Production Network on Kubernetes, collaborating 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.



**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.