

Contact

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www.linkedin.com/in/ss-deshmukh
(LinkedIn)

www.ss-deshmukh.site/ (Portfolio)

Languages

Hindi (Native or Bilingual)

English (Full Professional)

Marathi (Native or Bilingual)

Sanskrit (Elementary)

Japanese (Elementary)

Certifications

Blockchain Spring Academy

Bitcoin Enterprise

Project Management Fundamentals

Rust Programming Language

Introduction to Psychology

Honors-Awards

MSCE Scholarship

MTSE Scholarship

Zigurat Young Leaders Scholarship

Winner, National Design Competition

Best Project Award

Siddhesh Deshmukh

Product @ Pala Labs • PBA 7 • Palkhi Yatra NPO

Pune, Maharashtra, India

Summary

My passion for tech, especially the philosophy of web3, drives my product development and blockchain technology expertise. I've successfully led numerous new product development (NPD) projects, optimizing architectures and crafting solutions that have significantly impacted every organization I've worked with.

At the heart of my professional journey is an insatiable appetite for problem-solving. This adrenaline-inducing passion fuels my creativity and drives me to excel.

Another driving force that supports me is my unique blend of empathy and critical thinking. These two skills, cultivated to a high level, allow me to understand complex technical challenges to envision and create user-centric solutions.

Experience

Pala Labs

Lead Software Engineer

January 2025 - Present (1 year)

- Working on product development and system design

BioChain

Co-founder & Lead Engineer

October 2023 - December 2024 (1 year 3 months)

Pune, Maharashtra, India

- Developed BioChain as a decentralized web application for medical data sharing, privacy & monetization, implementing a hybrid architecture that combines blockchain security with government healthcare infrastructure interoperability
- Designed and implemented a dual-portal system featuring a patient-facing platform for appointment management and medical record access, alongside a healthcare provider ERP

- Successful Exit - sold the underlying tech to a web3 healthcare platform in Jan 2025

Principal Financial Group

1 year 9 months

Data Engineer

July 2022 - September 2023 (1 year 3 months)

Pune, India

- Enhanced ETL performance, reducing execution time and resolving data quality issues through data modelling.
- Conducted impact analysis and in-depth data analysis for reporting, serving as a technical advisor for product design and Epic creations.
- Developed Python scripts for streamlined ETL processes, integrating data from external sources via APIs.
- Designed and optimized robust data pipelines using Informatica and AWS, creating automated job flows for timely execution.
- Deployed and maintained data pipelines for data cleaning and extraction, supporting business decisions and analytics.

Intern

January 2022 - June 2022 (6 months)

Pune, India

- Forged meaningful connections and friendships with peers and mentors, and engaged in discussions with experienced managers.
- Gained hands-on experience in AWS, Python, SQL, React, JavaScript, HTML, and CSS.
- Learned new tools like Informatica, Power BI, and Selenium.

Microsoft

Software Development Engineer

July 2021 - January 2022 (7 months)

Bengaluru, India

- Learned Cloud Computing concepts and received first-hand Azure Cloud training.
- Earned 186 badges and 44 digital trophies for completing modules totalling 133 hours of learning.
- Featured in the FRT Hall of Fame portal for the project Paperwala, a subscription-based newspaper delivery app.

Procurabl

Product Engineer

September 2021 - December 2021 (4 months)

Pune, India

- Worked under the Operations Manager to understand and enhance company operations, including cold calling and data warehousing.
- Created and optimized the operations workflow, managing on-site visits and vendor relationships.
- Handled product development, developing CRM and Project Management tools and an Order Tracking System and Internal Order Management Platform.
- Led the creation of the company website, managing the analytics and graphics teams.

The Robotics Forum, VIT Pune

Robotics Engineer

August 2019 - May 2020 (10 months)

Pune, Maharashtra, India

- TRF is the Robotics Club of VIT College
- Made new friends and learned about cost and time management, delivering high-quality results within deadlines and budget constraints.
- Worked with and managed different team members.
- Built and tested various robot mechanisms and designed their integration mechanisms.

Education

Universitat de Barcelona

Master of Science - MS, Cryptography & Blockchain · (March 2022 - March 2023)

Pune University

Bachelor of Technology - BTech, Mechanical Engineering · (August 2018 - July 2022)