

Sudarshan Dudhe

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Professional Summary

Experienced software engineer with 6+ years of programming experience building large-scale applications and leading technical direction for teams. Proven track record of collaborating with cross-functional teams to deliver innovative application experiences, optimize code for quality and performance, and architect scalable systems. Expert in API design, unit testing, and implementing reusable software components across mobile and web platforms.

Education

Northeastern University Boston, MA

Master of Science, Information Systems

Sep 2023 - Aug 2025

- **Coursework:** Data Management & Database Design, Application Engineering Development, Web Development

Yeshwantrao Chavhan College of Engineering Nagpur, Maharashtra, India

Bachelor's degree, Technology, Information Technology

Sep 2012 - May 2017

Technical Skills

- **Programming Languages:** Python, Java, C, C++, JavaScript, SQL, NoSQL, HTML/CSS
- **Frameworks:** Django, Flask, Spring Boot, React, FastAPI, AngularJS, Angular 6
- **Tools/Applications:** Snowflake, Docker, REST API, Git, GitHub, VS Code, Eclipse, PyCharm, Selenium

Professional Experience

FounderWay

Artificial Intelligence Engineer (Intern)

Jan 2025 - May 2025

Boston, MA (Remote)

- Developed AI logic for vector table creation and usage, enhancing user experience and curriculum delivery
- Collaborated with cross-functional teams including product managers and engineers to deliver holistic solutions
- Applied MLOps practices and integrated OpenAI APIs using the latest programming techniques in AI

Arges Global Limited

Full Stack Developer

Jan 2021 - Aug 2023

Mumbai, Maharashtra, India

- Led technical direction for textile data management platform, driving consensus across development teams and establishing ownership of system components
- Developed scalable web applications with custom user interfaces using the latest programming techniques, reducing daily support overhead by 60%
- Architected efficient and reusable software components for interfacing with back-end platforms, demonstrating successful cross-functional partnerships

Degode Solutions

Solutions Engineer

Nov 2019 - May 2020

Indore, Madhya Pradesh, India

- Developed large-scale MERN-based application integrating cryptocurrency functionalities with maintainable and testable code bases
- Collaborated with cross-functional teams utilizing version control systems like Git for effective project management
- Implemented API design principles and unit testing techniques to ensure high quality work and system reliability

Simplify Reality, Inc

Full-Stack Developer

Apr 2018 - Nov 2019

Gurugram, Haryana, India

- Architected and engineered AI-driven customer service product transforming operations for enterprises globally through scalable system design
- Developed Instagram automation platform with reusable software components, boosting follower engagement and integrating affiliate features
- Led complex technical efforts for Healora healthcare platform, developing custom user interfaces with expert end-to-end understanding

Projects

JobFit AI - AI-Driven Resume Optimization System

Feb 2024

- Built scalable AI-powered solution leveraging OpenAI GPT and NLP techniques with expert end-to-end system understanding
- Developed reusable software components with Streamlit and FastAPI, enabling custom user interfaces for resume analysis
- Architected efficient and scalable systems using Apache Airflow, AWS S3, Pinecone, and Snowflake for large-scale application processing

Digital Transformation: Textile Production Enhancement

Jul 2023

- Developed large-scale web application using Java and Angular 6 to optimize code for efficiency and performance at Raymond UCO Denim
- Implemented custom user interfaces with maintainable and testable code bases for seamless textile process data input
- Designed API architecture for backend report generation based on user-selected fields, eliminating physical record dependencies

AI-based Customer Service Chatbot**Oct 2019**

- Led technical direction for team, ensuring scalable system design and development aligned with high standards
- Provided technical guidance to peers, fostering successful cross-functional partnerships and collaborative development
- Architected Django application with focus on scalability and efficiency, demonstrating ownership of system components

Healora - Healthcare Accessibility Platform**Jun 2019**

- Developed large-scale healthcare platform with custom user interfaces enabling direct doctor appointment booking
- Implemented reusable software components connecting users with healthcare providers through transparent pricing system
- Collaborated cross-functionally contributing to both back-end platform development and frontend user experience optimization