

SUDARSHAN DUDHE

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SKILLS

Languages: Python, JavaScript, TypeScript, Java, SQL, NoSQL, HTML5, CSS3, Bash

Frontend: React, Angular, TypeScript, Material-UI, Bootstrap, Responsive Design, Cross-Browser Compatibility

Backend & APIs: Node.js, Express, Python (Django, Flask, FastAPI), Java (Spring Boot), REST APIs, Microservices

Databases: PostgreSQL, MongoDB, MySQL, Redis, Database Design, Query Optimization

DevOps & Cloud: Docker, Kubernetes, AWS (S3, EC2, Lambda), Azure, CI/CD, Git, GitHub Actions, Jenkins

Tools & Practices: Agile/Scrum, Test-Driven Development, Code Reviews, Performance Optimization, System Design

PROFESSIONAL EXPERIENCE

Artificial Intelligence Engineer (Intern)

Jan 2025 – May 2025

FounderWay, Boston, MA

- Developed full-stack web applications using React frontend and Python FastAPI backend, implementing responsive UI components and RESTful APIs that handled 100+ concurrent requests with 99% uptime and sub-150ms response times
- Built scalable microservices architecture with Docker containerization and AWS deployment, integrating PostgreSQL and MongoDB databases while implementing CI/CD pipelines that reduced deployment time by 70%
- Collaborated with cross-functional teams using Agile methodologies to deliver features within sprint cycles, conducting code reviews and following best practices for maintainable, production-quality code

Full Stack Developer

Jan 2021 – Aug 2023

Arges Global Limited, Mumbai, India (Remote)

- Architected and developed end-to-end web applications using React, TypeScript, Python FastAPI, and Java Spring Boot, serving 10K+ daily users with 99% reliability across multiple service endpoints
- Designed and implemented RESTful APIs with comprehensive authentication and authorization, integrating PostgreSQL and MongoDB databases with optimized queries that improved response times by 45%
- Built responsive frontend interfaces using React and Angular with modern JavaScript frameworks, creating reusable component libraries that reduced development time by 30% and ensured consistent user experience
- Implemented Docker and Kubernetes orchestration for microservices deployment, enabling seamless horizontal scaling and improving system performance by 65% through load balancing and caching strategies

Solutions Engineer

Nov 2019 – May 2020

Decode Solutions, Indore, India

- Developed scalable web applications using MERN stack (MongoDB, Express, React, Node.js), building both client-facing features and backend services with comprehensive API integrations
- Implemented database schemas and complex queries in PostgreSQL and MongoDB, optimizing indexes and query performance to handle growing data volumes while maintaining sub-200ms response times

Full-Stack Developer

Apr 2018 – Nov 2019

Simplify Reality, Inc, Gurugram, India

- Built full-stack web applications using React, Python Flask, and JavaScript, implementing user authentication, data validation, and secure API endpoints serving 5,000+ monthly active users
- Designed responsive UI components with HTML5, CSS3, and modern JavaScript frameworks, ensuring cross-browser compatibility and mobile-first design principles
- Participated in Agile development cycles and collaborated with QA teams to deliver bug-free releases, implementing unit tests and integration tests that improved code coverage by 40%

PROJECT EXPERIENCE

Job Application Automation Platform

Python, FastAPI, React, MongoDB, Streamlit, Docker, AWS, Gmail API

- Architected full-stack automation platform with React frontend and Python FastAPI backend, integrating MongoDB database and Gmail API to process 2,000+ job postings with automated workflows handling 100+ daily operations
- Built microservices including job scraper, email monitor, and analytics dashboard using Streamlit, implementing RESTful APIs and real-time notifications via Telegram bot integration, achieving 70% efficiency improvement and 99% uptime
- Deployed containerized application using Docker on AWS infrastructure with CI/CD pipeline, reducing deployment time by 60% while maintaining scalable architecture supporting concurrent user operations

EDUCATION

Master of Science in Information Systems

Aug 2025

Northeastern University, Boston, MA | GPA: 3.4/4.0

Relevant Coursework: Application Engineering & Development, Program Structure & Algorithms, Data Science Engineering, Big Data Systems

Bachelor of Technology in Information Technology

May 2017

Yeshwantrao Chavhan College of Engineering, Nagpur, India