

# Sushant Indi

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## SUMMARY

An enthusiastic and driven aspiring software engineer with a deep passion for technology, continuous learning, and rapidly adapting to emerging tools and frameworks. Skilled in creative problem-solving, building efficient and reliable solutions, and collaborating effectively to deliver meaningful, high-impact results.

## Education

### Government Engineering College, Karwar

2021–2025

Bachelor of Engineering — Electronics & Communication Engineering

## Skills

**Languages:** Java, HTML, YAML, SQL, Shell Scripting.

**Framework & Databases & OS:** Spring, Spring Boot, Mysql, Windows & Linux.

**Methodologies & Web Servers:** SDLC & Agile, Apache Tomcat, Nginx.

**DevOps Tools:** Git & GitHub, Maven, Docker, Dockerhub, Jenkins, Ansible, Terraform & Kubernetes.

**Cloud (AWS):** EC2, S3, IAM, EBS, ASG, ELB/ALB, Route 53, CloudWatch, SNS, VPC, Lambda.

**AI & Automation:** Used AI tools (ChatGPT, Copilot, etc.) for DevOps automation, scripting, debugging, and CI/CD optimization.

## Projects

### Movie Ticket Booking System

Built a Movie Ticket Booking System using Java, JDBC, SQL, and multithreading, focusing on concurrency-safe backend design and data integrity. The system ensures accurate seat allocation and secure transactions through atomic database operations and strict server-side validation, effectively preventing duplicate bookings. This project strengthened skills in handling concurrent requests, structuring maintainable backend code, and designing reliable, production-ready systems with a strong emphasis on consistency and robustness.

**Source Code:** GitHub Repository

### Dockerizing & Deploying Spring Boot Application on Kubernetes — Internship

Dockerized a Spring Boot application using multi-stage Dockerfiles to create lightweight, production-ready images. Built and pushed images to Docker Hub and configured Docker Compose for development orchestration. Deployed applications across Dev and Prod environments with scalable containerized deployments, improving deployment consistency and reliability.

### Dockerized Application Deployment on AWS

Deployed a Dockerized application on AWS EC2 using secure IAM roles and security groups. Built and pushed Docker images to Docker Hub, configured networking to expose the application publicly, and enabled monitoring with CloudWatch to track application health and performance.

## Internship

### VLSI Design Engineer Intern — Rooman Technologies Ltd.

Sep 2024 – May 2025

Worked on digital design using Verilog HDL with hands-on exposure to EDA Playground and OpenROAD tools. Gained practical understanding of RTL design, simulation, and basic physical design workflows. Strengthened problem-solving skills through structured experimentation and debugging of digital circuits.

## Certifications

Java Full Stack Development with DevOps — RoboWaves Pvt. Ltd

## Declaration

I hereby declare that all information furnished above is true to the best of my knowledge and belief.

[Sushant Indi]