

ANURAG SACHAN

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[!\[\]\(d66ff64371a51729ac8c1cdaa685ba6f_img.jpg\) Portfolio](#)

[!\[\]\(e3f8612927870f2e0f9f5989e6dd3064_img.jpg\) LinkedIn](#)

[!\[\]\(003082e50e3009141f59bd5df831749f_img.jpg\) Certifications](#)

EDUCATION

IIT Madras, INDIA —

Bachelor's in CS - 2025

SKILLS

- Microservices & APIs
- Object Oriented Programming (OOP)
- Data Structure & Algorithms
- Core Java
- Multithreading
- Cloud Infrastructure
- CI/CD
- Monitoring & Observability
- Authentication & Security
- UI Development
- Database
- Spring MVC
- WebSockets & GraphQL
- Shell Scripting
- Payment Integration
- Low Latency Development
- Garbage Collection (GC)
- Performance Tuning

OTHER EXPOSURE

Java, React, Vue, JavaScript, Python, C++, Go, HTML, CSS, Maven, Kafka, JWT, AWS, Azure, Jenkins, Kubernetes, Docker, Helm, Terraform, Ansible, Prometheus, Grafana, GitHub, Linux, sql, nosql, Redis, kdb+, Nginx, zsh, FIX protocol, gRPC, protobuf

ABOUT ME

[GitHub](#)

I like to build scalable architecture on the cloud. I have hands on experience in different aspects of Backend Engineering, Cloud Native technologies. Hugely interested in OpenSource, Microservices, API Gateways & Low Latency High performance applications.

PROJECTS

Java Algo Trading System

Used: Java, Zerodha Kite, Grow, Kotak Neo, Trading View

- Used Core Java (Multi-threading, Authentication, APIs).
- Worked on Back-testing, Forward-testing of strategies.
- Worked on creating Strategy, Order Placement & Performance Tuning.
- Error Handling, Integrating several APIs, File Handling.
- Worked with different brokers, charting services, indicators, Volume Profile, Market data.

Deployed Containerized App on AWS

Used : AWS, Docker, Jenkins, Kubernetes, Helm

- Had hands-on experience of Jenkins(pipeline) on AWS EC2 as well as LocalHost.
- Worked with push/pull of Docker images to/from Docker Hub.
- Used kubectl, Minikube as well as AWS EKS for deployment of Kubernetes file.
- Automated changes through source code from GitHub.
- Worked with different types of Deployments and Services on k8s.
- Worked with Security Groups, Networking & best practices.

Full-Stack Java Application: Spring Boot & React.js

Used: Java SpringBoot - Security, JWT, OAuth, Hibernate, Payment Gateway, MySQL, RestAPI, React, Axios

- Worked on MVC design pattern.
- Worked on different layers, such as, Controller, Service, Repository, Security, Config, Dto.
- Implemented Real Time Validator, Spring Security using JWT framework.
- Understood about scrum & agile methodology.
- Integrated MySQL database to basic Controllers as well as Authentication APIs.
- Worked on password Encryption and generating Access Token.
- Used Postman Client for testing.
- Had understanding of working with AWS cloud & it's important tech stacks, EC2, Elastic Beanstalk, RDS.

Ecommerce Website: pyFlask & Vue.js

Used: Flask, Vue, Sql, Redis, Celery, JWT, Axios

- Worked on state management, security, caching, RBAC.
- Worked with Redis broker, Celery workers/ jobs.
- Worked with Endpoints, routes, APIs, axios, smtp protocol.
- Used Router, Components, View (Vue frontend).