

ANUSH KUMAR P

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EXPERIENCE

GNRSystems

Full Stack Developer

Aug 2025 – Present

Remote, USA

- Built responsive customer reporting dashboards using **React, TypeScript, and Tailwind CSS** integrating REST APIs and improving page-load performance through component and rendering optimizations.
- Developed **Spring Boot microservices and REST APIs** backed by PostgreSQL adding OAuth 2.0/JWT role-based access to secure customer reporting workflows.
- Containerized Spring Boot services with **Docker** and deployed them to **Amazon EKS**, automating build, test and deployment workflows through **Jenkins CI/CD**.

Broadridge Financial Solutions

Software Engineer

Mar 2022 – Dec 2023

Hyderabad, India

- Reduced compliance audit latency by **75%** by developing multithreaded Java and Python reconciliation utilities that automated trade-data validation and schema checks for the GPTM Data Fabric platform.
- Migrated **5M+ legacy trade records** to a P&L platform by building Spring Boot services for data ingestion, transformation and validation using Kafka for asynchronous processing.
- Automated reconciliation across **10,000+ records per run** identifying schema and data-quality issues before downstream processing and reducing manual review.
- Built reusable **React and TypeScript** components for internal monitoring dashboards giving operations teams visibility into data-ingestion status, validation results and processing metrics.

Aegis Consulting Services

Software Engineer

Jan 2020 – Feb 2022

Hyderabad, India

- Improved performance of high-volume e-governance transaction workflows by optimizing Java service-layer logic and database operations supporting applications across **35 regional districts**.
- Reduced query execution time from **3.2 to 1.2 seconds** by tuning complex SQL queries and improving Java data-access logic for frequently used transaction workflows.
- Diagnosed and resolved application, data-validation and database issues across Java services helping to improve the stability of production transaction-processing workflows.

Adjoint Technologies

Software Trainee

Jan 2019 – Dec 2019

Hyderabad, India

- Contributed to the frontend implementation of web applications using **HTML, CSS, JavaScript, and Bootstrap** translating UI requirements into responsive interface components.
- Integrated frontend screens with **REST APIs and JSON data** supporting form-based workflows and dynamic content rendering.
- Worked with senior developers to troubleshoot UI and API-integration issues, perform cross-browser testing and resolve layout and validation defects.

PROJECTS

Smart Student Management System

Java, Spring Boot, React, TypeScript

- Built a layered Spring Boot backend with REST APIs for student, academic, and role-based workflows improving API response time by **20%** through data-access optimization.
- Developed responsive React and TypeScript dashboards with reusable Tailwind CSS components and integrated them with backend APIs.

QMoney

Java, Spring Boot, REST APIs

- Built a Java Spring Boot portfolio-analysis application that consumed stock-market data through REST APIs and calculated investment returns across portfolio holdings.

- Reduced portfolio computation time by **30%** by optimizing data-processing logic with Java Streams and parallel processing.

Clinical Data Pipeline & Predictive Analytics Engine

Python, Machine Learning

- Built a Python preprocessing pipeline to clean, standardize and impute missing clinical records for predictive modeling.
- Developed a hybrid K-Means and Random Forest pipeline that achieved **96.8% accuracy and 96.3% sensitivity** on the evaluation dataset.

TECHNICAL SKILLS

Languages: Java, SQL, TypeScript, JavaScript, Python

Backend: Spring Boot, Spring Data JPA, Hibernate, REST APIs, Microservices

Frontend: React, TypeScript, Tailwind CSS, HTML, CSS

Databases: PostgreSQL, MySQL

Cloud & DevOps: AWS, EKS, EC2, S3, RDS, Docker, Kubernetes, Jenkins, Git

Messaging: Apache Kafka, IBM MQ

Testing & Build: JUnit, Mockito, Postman, Maven, Gradle

EDUCATION

Auburn University at Montgomery

Master of Computer Science

May 2025

Montgomery, Alabama

Jawaharlal Nehru Technological University

Bachelor of Technology in Computer Science

Hyderabad, India