ANUSHREE PRADEEP DEOTA

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EXPERIENCE

- **Deutsche Bank**   Pune, Maharashtra | July 2023- Present
  Software Developer (SDE-1)
  o Modernized legacy systems by migrating the GFFX adapter and refactoring MDBs of three components into a Spring Integration-based microservice on RedHat Openshift for backend message processing, resulting in a modular architecture with easier service updates and deployments.
  o Built a Journal Tool (Spring Boot, React) for reconciliation adjustments, implemented RBAC, and deployed it on RedHat OpenShift via Helm and reduced build times by up to 40%.
  o Set up unit testing from scratch (JUnit, Mockito, and PowerMockito) increasing coverage from 0% to 80%+ and reducing production issues by catching critical bugs early in a core legacy service.
  o Migrated 6 services from Fabric to OCP4 and Bitbucket to GitHub, using GitHub Actions, Helm, and Kubernetes - resulting in a 30% reduction in build times.
  o Implemented Airflow on Fabric OpenShift with Jenkins and Keycloak authentication to automate job orchestration, replacing legacy Control-M scheduling.
- **Finbyz Tech Pvt Ltd**   Ahmedabad, Gujarat, India | Jan - May 2023
  Python Developer
  o Developed and tested trading strategies for a Django-based backtesting platform focused on intra-day options trading, using real-world data from NSE to enhance simulation accuracy and strategy evaluation.
- **Indian Navy, INS Valsura**   Jamnagar, India | May - Jul 2022
  Software Development Engineering Intern
  o Set up and customized BigBlueButton-based videoconferencing system on a local network for secure internal communication, integrating Greenlight UI and TLS encryption.

PROJECTS

- AI-Powered Chatbot (**ReactJS**+**Tailwind CSS, Django**): Built a full-stack chatbot with **REST APIs** and **Swagger-UI documentation**, integration with a **PostgreSQL instance** for conversation storage and deployed on **Render**.
- Faculty Management System (**LAMP stack**): Automated NBA (**National Board of Accreditation**) metrics calculation (like SFR and CRM) and generation of reports.

SKILLS & CERTIFICATIONS

- **Languages:** Java, Python, SQL, JavaScript, TypeScript, C, HTML/CSS, MATLAB
- **Frameworks & Libraries:** Spring Boot, React, Django, Pandas, Swing
- **Tools & Platforms:** Red Hat OpenShift, Kubernetes, Jenkins, Helm, IBM MQ
- **Certifications:** AI for Students (Microsoft), Algorithms: Design and Analysis (Stanford – Coursera)

EDUCATION

Nirma University, India	B. Tech in Computer Science & Engineering GPA: 8.5/10.0 {top 9% of the batch}	July 2019 - May 2023

AWARDS & RECOGNITION

- Competitive Programming: CodeChef Starters 202 (Global Rank 577), Starters 204 (Global Rank 234), Codeforces Kotlin Heroes Episode 13 (Global Rank 337)
- Academic: JEE Mains PR 96.17 | 12th GSEB PR 98.7 | GUJCET PR: 99.08

VOLUNTEERING

- Actively contributed to educating underprivileged communities on solar lighting solutions, promoting sustainable development along with distribution and installation of solar panels at Bamangaon (near Alibaug) as a part of Deutsche Bank's CSR initiatives.