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 Fabric (from DAP), using IBM MQ for backend message processing, resulting in a modular architecture with easier service updates and deployments.
  o Provided on-call (ROTA) support for production systems to the RTB team, ensuring timely incident resolution to minimize business impact.
  o Built a Journal Tool using Spring Boot and React for reconciliation adjustments, implemented RBAC for secure access, and deployed it on Red Hat OpenShift using Helm templates for complete service configuration and deployment.
  o Set up unit testing from scratch using 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 Lt**   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**, ensuring clean interface and easy integration with a **PostgreSQL instance** for conversation storage and deployed the full app on **Render** for production scalability.
- Faculty Management System (**LAMP stack**): Aims to enhance the existing process at Nirma University for NBA (**National Board of Accreditation**) metrics calculation such as SFR and CRM and generation of reports.
- File Sharing Application (TCP socket programming, Tkinter, Multithreading in Python) a **client–server file sharing system** using **TCP** for reliability and **multithreading** to handle multiple client requests simultaneously, ensuring concurrent file transfers and integrated with **Tkinter GUI** for file selection and status tracking

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	May 2023
	GPA: 8.5/10.0 (top 9% of the batch)	

AWARDS & RECOGNITION

- Competitive Programming: CodeChef Starters 201 (Global Rank 1553), Starters 202 (Global Rank 785)
- JEE Mains PR 96.17 | 12th GSEB PR 98.7 | GUJCET PR: 99.08
- Cleared the Duke TIP ASSET Talent Search Level-2 Round scoring 95 percentile or above among 3200 students of India and U.A.E, 2015.

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.