

# ANUSHREE PRADEEP DEOTA

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## EDUCATION

Nirma University, India	B. Tech in Computer Science & Engineering GPA: 8.5/10.0	May 2023
Parth School of Science and Competition, India	Higher Secondary Education Grade: 87.2 %	May 2019

## EXPERIENCE

- **Deutsche Bank, Pune, Maharashtra** July 2023- Present  
*Senior Analyst*
  - o Modernized legacy systems by migrating the GFFX adapter and simplifying ta-inbound-gateway into Spring Integration-based microservices from DAP to Fabric, leveraging MQ for backend message processing — reducing system complexity and improving scalability and maintainability.
  - o Journal Tool Development – a Spring based web service and React frontend for posting adjustments, configured with RBAC (Role-based Access Control).
  - o Achieved 80%+ unit test coverage by using JUnit, Mockito, and PowerMockito for services.
  - o Fabric to OCP4 and Bitbucket to Github Migration of 6 services using Github actions, Helm and Kubernetes and reducing build times by 30%.
  - o Airflow setup on Fabric Openshift, configured Jenkins pipeline and Keycloak authentication enabling automated job orchestration and improved user access control.
- **Finbyz Tech Pvt Ltd, Ahmedabad, Gujarat, India** Jan - May 2023  
*Python Developer*
  - o Developing trading strategies for a back-testing application for intra-day option trading using Django.
- **Indian Navy, INS Valsura, Jamnagar, India** May - Jul 2022  
*Software Development Engineering Intern*
  - o Configured a videoconferencing software using BigBlueButton framework on the local network.
  - o Customized it using the Greenlight module and added TLS certificates.

## RESEARCH AND ACADEMIC PROJECTS

- **Implementation of Applets to Visualize Classical Problems of Synchronization**
  - o A Java based application developed at Maharaja Sayajirao University (MSU, Baroda) to visualize the classic process synchronization problems using Swing and AWT modules.

## SKILLS & CERTIFICATIONS

- Languages: Python, C, Java, HTML/CSS, JavaScript, TypeScript, PHP, MATLAB, SQL, Bash Shell Scripting, Groovy
- Framework and Libraries : Spring, Spring Boot, React, RESTful web services, Django, LAMP, Tkinter, Swing, AWT, Pandas, Numpy, OpenCV
- Technologies: Oracle, Maven, Red Hat Openshift, IBM MQ, Helm, Kubernetes, Jenkins, Apache Airflow, Github, Bitbucket, Jira
- Certifications - AI4Students by Microsoft, Machine Learning Bootcamp by learnmall, Algorithm Analysis from Stanford from Coursera, MATLAB OnRamp by MathWorks

## AWARDS & RECOGNITION

- Ranked 30 out 326 in BTech Computer Science & Engineering at Nirma University (Top 9%) in 2023.
- JEE Mains PR 96.17, 12<sup>th</sup> GSEB PR 98.7, GUJCET PR: 99.08
- **Recipient of Academic Excellence Award** by Vadodara Municipal Corporation (2017) for securing a position in the top 1% of the city in SSC (Secondary School Certificate Examination) (99.58 PR).
- **Asset Talent Scholar-** 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.