

APURVA DESHPANDE

Pune, Maharashtra, India

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Education

College of Engineering, Pune

2019-2023

Bachelor of Technology in Computer Science, Honors in Data Science (CGPA - 8.88)

Maharashtra, India

- Coursework - Data Structures & Algorithms, Database Management Systems, Operating Systems, Computer Networks, Object Oriented Programming, Software Engineering, DevOps, Distributed Systems, Big Data Analytics

Work Experience

Deutsche Bank

July 2023 – Present

Software Engineer

Pune, India

- Contributing to self-service platform for automating actions performed on databases using **Java** and **Spring Boot**.
- Developed **REST APIs** to obtain control action details using various parameters improving support efficiency.
- Designed and implemented a functionality to filter sensitive fields in **BigQuery** datasets along with other **GCP** and **Oracle** databases in a **Java-based** utility that further enhanced data masking.
- Contributing to develop microservice for sending notifications across multiple applications supporting multiple communication channels using **Java**, **Thymeleaf** and **Spring Boot** further enhancing scalability and code re-usability.

Deutsche Bank

May 2022 – July 2022

Software Engineer Intern

Pune, India

- Designed and implemented a **Java-based** library to configure URL endpoints of microservices for simulating specific HTTP errors that improved the efficiency of system testing without causing scaling down the services.
- Developed 2 **RESTful microservices** to perform CRUD operations on Orders & Print details, and a URL endpoint to configure the microservice URLs to simulate different HTTP status codes in test profile, using aspect-oriented programming in **Spring Boot**
- Refactored the configuration code for a microservice using **YAML** and performed testing using **JMeter**.

Projects

Language-Detect | Chat-bot for Language Detection | [Project Link](#)

- It detects the language of the input query given as text or images using Machine learning, and then responds to the queries using Natural Language Processing, supporting 15+ languages.
- Tech Stack used : Python NLTK library, scikit-learn, Pytesseract library, PyQt5

DonateTheBlood | Blood Bank Management System | [Project Link](#)

- It supports user authentication, users can contact registered donors and see running campaigns. NGOs' can register and make announcements regarding blood requirements, and the admin manages donors, blood available, and adds campaigns & urgent announcements to support the cause.
- Tech Stack used : HTML, CSS, Bootstrap, JavaScript, PHP, MySQL

BlogIt | Community Blogging Website | [Project Link](#)

- Users can register and login on the website, and create, update, delete posts, and read posts created by all the users, having text and image based content.
- Tech Stack used : HTML, CSS, Bootstrap, JavaScript, Django, SQLite

Technical Skills

- **Languages:** C++, Python, Java, JavaScript
- **Web Development Skills:** ReactJS, Django, Spring Boot, MySQL, MongoDB, Git
- **DevOps:** Docker, Kubernetes, Jenkins, Terraform, Ansible, Google Cloud (GCP), Agile Development, Linux

Achievements

- Solved 1000+ Coding questions combined across [LeetCode](#), [GeeksforGeeks](#) and [HackerRank](#) coding platforms
- Top 50 teams in Flipkart Grid'22
- Top 10 teams in Inspiron Hackathon'22 , Semi-Finalist team at Smart India Hackathon'22