

ANIRUDH THAKUR

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EDUCATION

University of Texas
2021 – 2023

Masters of Science (CSE)- Pursuing

Purdue University
2020 – 2021

Post Graduate Program (Data Science)

SRM University
Delhi NCR Campus, 2013 – 2017

Bachelor of Technology (CSE) - 8.813
GPA(First Division with First Class)

SKILLS

Languages: Python, Java, SQL, HTML, JavaScript, Unix shell Script, R

Frameworks: Flask, Spring, SpringBoot, Hibernate, Numpy, Pandas, Angular, JQuery, TensorFlow, Matplotlib

Tools: GIT, Jenkins, BitBucket, RLM, Heroku CLI, Visual Studio Code, MySQL Workbench, Tableau, PostMan

PROJECTS

Note Detector ([GitHub](#))

Flask API to check
Forged note using
Kaggle Dataset

[LiveDemo](#)

Tools/Technologies: Flask, Flaskgagger, StreamLit, Docker(Basics), Numpy, Pandas.

Book Finder ([GitHub](#))

Search Engine for
Books using
Google API.

[Live Demo](#)

Tools/Technologies: Node JS, Express JS, Bootstrap, JQuery.

Zodiac App ([GitHub](#))

Zodiac Practice
application

[Live Demo](#)

Tools/Technologies: Node JS, Express JS, Bootstrap

RELEVANT EXPERIENCE

System Engineer – Tata Consultancy Services

July '18 – July '21

Fraud Detection System

- Worked on Java SpringBoot microservices, Hibernate and SQL and integrated it with the front end (Angular) after testing them via Postman during the phase 1 of the project with Agile Practices
- Led a team of 5 members to manage APIs to register, verify and update Fraud Detection System via predictive analysis.
- Worked on Python frameworks like Flask and Flassger during phase 2 of the project, translating every client requirement from a low level design document.
- Deployed code in UAT/DEV environment via RLM, Tectia and Bit Bucket

Content Management System(Eclipse)

- "Eclipse" which is a Customer Management System that allows Bank employees to fetch customer data.
- It is designed on a framework namely WOA(Web Oriented Architecture) which is a framework based on the Java Spring framework
- My role and responsibility was to implement its small component namely "Greet" which allows Bank employees to get the customer in context and view their basic details
- Handle enhancements (OOPMs) and defects managed in JIRA
- Working on POC for client using SpringBoot, REST Service and Angular.

BitBucket Setup

- Shifted 38 modules to BitBucket from the earlier used IBM Rational Team concert (RTC)
- Performed integration of the entire code and created modified branches for better readability
- Evaluated each associate and help them map to projects
- Did the entire Jenkins setup and created pipelines for new module builds

Visiting Faculty

- I was given the responsibility of training the upcoming batch of associates in Java, HTML, CSS, Selenium.
- Trained more than 500 new joiners
- Evaluated each associate and help them map to projects
- Worked in a team of six people as Scrum Master for developing a web-based application on Retail Banking covering basic banking operations

CERTIFICATIONS

- **Workforce Development Program** from Oracle, Programming in Java
- **Star Performer** certificate (Tata Consultancy Services)
- **Young Entrepreneur** certificate from Innovation and Development Center (IEDC) which makes me eligible for government grant.
- Algorithms, Part I Princeton University, 2017 (Coursera)
- **GRE (Graduate Record Examinations) : 319/340**
- **IELTS : 8**