Abhijeet Pathak

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EDUCATION

UNIVERSITY AT BUFFALO
Masters in Computer Science Engineering
CGPA: 3.96/4
Aug 2024 - Jan 2026
Buffalo, New York

NATIONAL INSTITUTE OF TECHNOLOGY, SILCHAR
BTech in Electronics and Communication Engineering
Aug 2018 - May 2022
Silchar, India

LINKS

Github: **pathakbaba1**
LinkedIn: **abhijeetpathak1**
Codeforces: **pathakbaba**
Leetcode: **pathakbaba**

SKILLS

LANGUAGE
JAVA
PYTHON
C

TECHNOLOGIES
HTML & CSS
Flask
SQLAlchemy
OJET
Docker & Kubernetes
Git
MySQL
Oracle Cloud Infrastructure(OCI)

MISCELLANEOUS
Object Oriented Programming
DBMS
Computer Networking

COURSEWORK

Design and Analysis of Algorithms
Machine Learning
Deep Learning
Data Intensive Computing
Modern Network Concepts
Computer Security
Computational Linguistics
Operating Systems

WORK EXPERIENCE

ORACLE | Associate Software Developer
Aug 2022 - July 2024 | Hyderabad, INDIA

- Worked as a full-stack developer on a high-impact Micro-service application focused on simplifying payment transactions within the construction industry, totaling over $1 trillion in processed projects.
- Seamlessly integrated Oracle Cloud tools, such as OCIVault, OKE, OCIRedis, and OracleDB into a DaaS application, improving its capabilities and Security.
- Contributed to the deployment of this DaaS app and multiple other services on Oracle Cloud and other testing platforms, gaining experience in OCI, Oracle DB, Docker, Kubernetes, and Terraform

ORACLE | Software Engineering Intern
Jan 2022 – July 2022 | Hyderabad, INDIA

- Enhanced the functionality of a Construction Payment Management application using advanced technologies like Flask, OJET, Oracle Cloud.
- Developed multiple front-end and back-end features to meet evolving customer requirements in UK, AU and Canada region.
- Designed and implemented various database models using SQLAlchemy, improving overall usability and functionality of the application.

NIT SILCHAR Research Intern
May 2021 – June 2021 | Silchar, INDIA

- Analysed and Predicted the second wave of COVID-19 in India using machine learning (ML) algorithms.
- Used algorithms like Polynomial Regression and SVR to predict the daily cases, deaths, transmission rate, and death rate with an accuracy of about 99.02

PROJECTS

UNIGRAM AND BIGRAM WIKIPEDIA SEARCH ENGINE
- Designed a search & sort engine that could search through millions of pages of Wikipedia using an inverted index with unique words.
- Displayed a list of the top 10 most relevant pages as output based on the weight associated with each word for every search query.

PRICE TRACKER FOR E-COMMERCE WEBSITES
- Designed using Python and Selenium, it could be used to keep an eye on the price of any product on e-commerce websites like Amazon, Flipkart, etc.
- Integrated an Email Notification System to send emails when price goes below the target.

MOVIE TICKET BOOKING APPLICATION
- Built a website **Book Your Show** using html, css, bootstrap, flask, and sqlalchemy for booking movie tickets.

AWARDS

2019	Winner	ROBOBUILD 1.0 at TECHNOESIS 2019, NIT Silchar
2018	Winner	ARCHINOVA at TECHNOESIS 2018, NIT Silchar