

# Dipisha Shivangi

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## PROFESSIONAL SUMMARY

A B.Tech student with a solid background in programming and software development concepts, adept at diagnosing and solving problems, and practical knowledge in HTML, CSS, JavaScript, Python, C++, and Java. Demonstrates strong capacity for learning, adaptability, interpersonal and collaborative abilities, and is dedicated to lifelong learning and technology advancements.

## WORK EXPERIENCE

### • Data Science Intern

June 2024 - Aug 2024

Gained practical exposure to technologies including Python, SQL, scikit-learn, TensorFlow, Apache Spark, and Airflow during my Celebal Summer Internship '24. Designed data pipelines, performed feature engineering, developed machine learning models, and cleaned, analyzed, and visualized large datasets to extract business insights. Generated reports and presentations using Tableau and Power BI, collaborated with cross-functional teams to create data-driven solutions, and documented workflows to facilitate team knowledge sharing.

### • J.P. Morgan Software Engineering Virtual Experience on Forage

July 2024

Set up a local development environment by downloading the necessary files, tools, and dependencies. Resolved broken files in the repository to ensure the web application output correctly. Utilized JPMorgan Chase's open-source library called Perspective to create a live graph that displays a data feed in a clear and visually appealing way for traders to monitor.

### • Goldman Sachs Software Engineering Virtual Experience Program on Forage

July 2024

Completed a job simulation as a Goldman Sachs governance analyst responsible for assessing IT security and proposing improvements. Discovered that the company was using an outdated password hashing algorithm by cracking passwords using Hashcat. Drafted a memo for my supervisor summarizing a range of proposed enhancements to increase the company's level of password protection, including extending minimum password length and using a dedicated hashing algorithm.

## SKILLS

Programming Languages	Java, C, C++, Python, JavaScript, HTML, CSS, SQL
Developer Tools	Visual Studio Code, Jupyter Notebook, GitHub
Software	MySQL, R, Artificial Intelligence, Machine Learning, Natural Language Processing
Environment	Windows, Linux, Ubuntu
Technical Skills	Data Structures, Data Analysis, Data Compression, Data Visualization
Soft Skills	Communication, Teamwork, Strategic Thinking, Problem-Solving, Critical Thinking

## PROJECTS

### • Classification with Python [View](#)

- Analyzed Australian Government's Bureau of Meteorology dataset using Linear Regression, KNN, Decision Tree, Logistic Regression, SVM.

### • Customer Lifetime Value Prediction [View](#)

- Analyzed UK-based online retail transactions using pandas, numpy, and matplotlib.

### • Password Generator [View](#)

- A web app for generating random passwords built with React, HTML, CSS, JavaScript, and JSON.

### • Vehicular Fog Computing Optimization [View](#)

- Research study for creating an efficient parking system using VCG Optimization in Game Theory.

## EDUCATION

2021 - present	B.Tech (CSE) at <b>KIIT University</b>	CGPA: 7.64
2020 - 2021	Higher Secondary Education at <b>Army Public School, Pune</b>	91%
2018 - 2019	Secondary Education at <b>Army Public School, Pune</b>	86%

## CERTIFICATES

### • Google Data Analytics by Google on Coursera [Verify](#)

Issued 06/2024

### • IBM Data Science by IBM on Coursera [Verify](#)

Issued 06/2024

### • CCNA: Enterprise Networking, Security, and Automation by Cisco [Verify](#)

Issued 06/2024

### • Cybersecurity Essentials by Cisco [Verify](#)

Issued 05/2024

### • AMCAT Test Certificate [Verify](#)

Issued 11/2023