DIPISHA SHIVANGI

✉ dipishas21@gmail.com — ▪ +91-7605858033 — ○ github.com/dipisha-21 — in linkedin.com/in/dipisha —
🌐 Portfolio

Professional Summary

Results-driven B.Tech (CSE) graduate with hands-on experience in Data Science, Software Development, and Machine Learning. Skilled in developing scalable data pipelines, accurate ML models, and responsive full-stack applications. Proficient in Python, SQL, C++, React.js, TensorFlow, Scikit-Learn, Power BI, Spark, Airflow, AWS, and GCP. Delivered 18 HTML5 games and an ANPR system using YOLOv8 + EasyOCR (99.5% accuracy). Strong analytical, problem-solving, and teamwork abilities with experience in Agile development.

Work Experience

- **Game Developer Intern, Mobtions** *Dec 2024 – Jun 2025*
  Engineered and optimized 18 cross-platform HTML5 games using HTML, CSS, JavaScript, and JSON, ensuring responsive UI and seamless gameplay. Utilized Unity for 3D modeling and physics simulations to design immersive environments. Applied Agile and Scrum practices for sprint-based development and timely delivery. Collaborated with designers and developers to integrate APIs, troubleshoot, and manage version control using Git.

- **Data Science Intern, Celebal Technologies** *Jun 2024 – Aug 2024*
  Designed and implemented scalable data pipelines using Python, SQL, Apache Spark, and Airflow, improving data efficiency by 30%. Built and fine-tuned ML models with TensorFlow and Scikit-Learn, achieving over 90% accuracy on production datasets. Developed interactive Power BI dashboards for KPI visualization and actionable insights. Collaborated across teams in Agile sprints, contributing to code reviews, workflow documentation, and sprint planning.

Projects

- **Automatic Number Plate Recognition (Python, YOLOv8, EasyOCR)** Built an end-to-end ANPR system using YOLOv8 for detection and EasyOCR for text extraction. Achieved 99.5% recognition accuracy and automated data pipelines for inference and reporting.

- **Sales Insight Analysis (Power BI, DAX, SQL)** Developed a Power BI dashboard to visualize sales KPIs, revenue trends, and customer segments. Enhanced data modeling with DAX measures and optimized SQL queries for faster reports.

- **Employee Payroll Management System (SQL, PL/SQL)** Automated salary computation, department updates, and record management using SQL procedures and triggers. Improved efficiency and accuracy of payroll processing.

- **Weather.js (JavaScript, React.js, OpenWeatherMap API)** Created and deployed a responsive React.js web app to display real-time weather data via OpenWeatherMap API. Focused on user experience, validation, and dynamic API integration.

Skills

Languages: Python, SQL, C++, JavaScript, HTML/CSS, R
Frameworks/Libraries: React.js, TensorFlow, Scikit-Learn, Pandas, NumPy, Matplotlib, Bootstrap
Cloud/DevOps: AWS, GCP, Docker, Apache Airflow, Git, REST APIs, CI/CD
Databases: MySQL, PostgreSQL, MongoDB, SQLite
Analytics & Tools: Power BI, Spark, Data Visualization, Predictive Analytics
Soft Skills: Problem-Solving, Communication, Teamwork, Adaptability

Education

B.Tech (Computer Science Engineering), Kalinga Institute of Industrial Technology	2021–2025
CGPA: 7.82	
Higher Secondary Education, Army Public School, Pune	2020–2021
Percentage: 91%	
Secondary Education, Army Public School, Pune	2018–2019
Percentage: 86%	

Certifications

Oracle Database@AWS Architect Professional View	Nov 2025
Oracle Cloud Infrastructure 2025 Generative AI Professional View	Oct 2025
Oracle Cloud Infrastructure 2025 Data Science Professional View	Oct 2025
Oracle Cloud Infrastructure 2025 AI Foundations Associate View	Oct 2025
Google Data Analytics (Coursera) View	Jun 2024
IBM Data Science (Coursera Specialization) View	Apr 2023