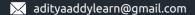# Aditya Kumar
Technical and Business Strategist

Focused on leveraging new technologies to create transformative solutions that redefine industry standards

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EDUCATION

Indian Institute of Information Technology, Surat, Gujarat
Bachelor of Technology in Computer Science and Engineering

11/2022 - Present   *Surat, Gujarat*

MAJOR PROJECTS

Python Software Developer (09/2023 - Present)
- 1) Created an autonomous web scraping tool using Python and open-source APIs, with the implementation of RESTful APIs.
- 2) Conducted Data Visualization and Exploratory Data Analysis using Python libraries such as NumPy, Pandas, and Matplotlib.
- 3) Applied Data Science and Analytics techniques to build various models on diverse datasets, enhancing decision-making capabilities.
- 4) Designed and deployed scalable web servers using Flask.
- 5) Engineered a TensorFlow-based model for accurate classification of various animals using CNN.

Major Project: ONDC Platform Market Place (02/2024 - 04/2024)
- Engineered a feature-rich e-commerce marketplace platform using React with TypeScript, MongoDB, Node.js, and Express.
- Enhanced user accessibility, security, and scalability, resulting in a 20% increase in user engagement. Implemented robust back-end services for seamless data management and real-time transaction processing.

Smart Attendance Management System (12/2023 - 11/2023)
- Designed a real-time location-based attendance monitoring system using React.js and gps with web geo-tracking for precise employee attendance monitoring.
- Led the group project, enhancing team management and collaboration through iterative leadership and feedback-driven improvements.

WORK EXPERIENCE

Tanz Corp
Website development

06/2023 - 12/2023   *Pune, Maharashtra, India*

Tanz Corp innovates in technology, marketing, real estate, design, and management, offering custom websites, digital marketing, interior design, custom PCs, events, app development, security, branding, and influencer management.

Achievements/Tasks
- Handled technology and website development for clinets, contributing to a 25% increase in client satisfaction.
- Managed client projects globally and conducted R&D for innovative technology solutions.

SKILLS

- Programming Languages: C/C++, Python, JavaScript, R
- Databases: Proficient in MySQL, MongoDB, Firebase
- Web Development: MERN Stack (Full Stack)
- Data Science: Data Analytics, AI, ML, and Big Data
- Emerging Technologies: Web 3.0, Block-chain, Generative AI, Meta-verse (AR/VR), Cryptocurrency
- Cloud Technologies: Google Cloud, IBM Cloud Computing, AWS (learning)

ACHIEVEMENTS

GDSC DEV HEAT HACKATHON WINNER (11/2023 - 11/2023)
Secured 2nd place by developing the innovative Answer Voyager Website. Revolutionized social discourse through seamless question-and-answer interactions. Created a very healthy discussion forum.

SSIP HACKATHON ZONAL WINNER (11/2023 - 12/2023)
Successfully Qualified at Zonal Level in Student Startup and Innovation Policy Hackathon by solving real world problem.

CERTIFICATES

Supervised Machine Learning: Regression and Classification (DeepLearning.AI & Stanford University, offered through Coursera) (04/2024 - 06/2024)
Gained hands-on experience in Linear Regression, Regularization to Avoid Overfitting, Logistic Regression for Classification, Gradient Descent, and Supervised Learning.

Google Cloud Skilled Badges (10/2023 - Present)
Earned multiple Google Cloud Skilled Badges, expanding expertise in Vertex AI, Gemini, BigQuery, Cloud Functions, Cloud Storage, and more. Gained hands-on experience in creating scalable solutions, leveraging advanced machine learning models, and optimizing cloud services for enhanced performance and efficiency.

INTERESTS

- Learning about New Technology
- Finance & Fintech
- Trading- Crypto, Stocks and Metals (Technical Analysis)
- Quantum Computing and Robotics
- Entreprenurship