

Aditya Singh

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GitHub: github.com/adityasingh | Location: Mumbai, India

Objective

Highly skilled and results-driven Software Developer and Data Scientist with experience in building innovative solutions using machine learning, cloud technologies, and full-stack web development. Seeking an opportunity to apply my expertise in software development, machine learning, and data science to drive impactful projects.

Education

- 1) **Bachelor of Technology in Computer Science**
Indian Institute of Technology, Mumbai – Graduated: 2020
CGPA: 8.7/10
 - 2) **Higher Secondary (12th Standard)**
Delhi Public School, New Delhi – Completed: 2016
Percentage: 92%
 - 3) **Secondary School (10th Standard)**
Delhi Public School, New Delhi – Completed: 2014
Percentage: 90%
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Additional Qualifications

GATE Score: 49 (2021)

Skills

Programming Languages: Python, Java, C++

- **Web Technologies:** HTML, CSS, JavaScript, React
 - **Database Management:** MySQL, MongoDB
 - **Machine Learning:** TensorFlow, scikit-learn
 - **Cloud Platforms:** AWS, Google Cloud
 - **Tools & Technologies:** Git, Docker, RESTful APIs, Jupyter Notebooks
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Certifications

1. Machine Learning Specialization – Coursera (2021)
2. AWS Certified Solutions Architect – Associate – Amazon Web Services (2022)
3. Google Cloud Professional Data Engineer – Google Cloud (2023)

Projects

1. Smart Traffic Management System

Tech Stack: Python, OpenCV, TensorFlow, Deep Learning

- Developed an AI-based system to optimize traffic light timings in urban areas.
- Utilized computer vision and deep learning techniques to analyze traffic patterns.
- Reduced average wait time at intersections by 30%, improving overall traffic flow.

2. E-commerce Website

Tech Stack: MongoDB, Express.js, React, Node.js (MERN Stack)

- Built a full-stack e-commerce platform with features like user authentication, product catalog, and payment gateway integration.
 - Achieved 1000+ active users within the first month of launch, demonstrating strong user engagement.
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Work Experience

Junior Data Scientist

DataMinds Solutions, Mumbai — August 2020 – Present

- Develop machine learning models for predictive maintenance in the manufacturing industry.
- Design and implement data pipelines to streamline data processing and ensure scalability.
- Present actionable insights to stakeholders and write comprehensive technical documentation to support decision-making.

Software Developer Intern

Tech Innovations Pvt. Ltd., Bangalore — May 2019 – July 2019

- Collaborated with the frontend team to integrate RESTful APIs for a mobile application.
 - Improved API response time by 40% through performance optimization techniques.
 - Gained hands-on experience in full-stack development, including database management and backend services.
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