

# Aditya Singh

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🔗 AdiSinghCodes

in Aditya Singh

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## EDUCATION

- **Vidyalankar Institute of Technology**

*Bachelor of Technology - Computer Engineering; GPA: 9.08*

*Courses:* Operating Systems, Data Structures, Analysis Of Algorithms, Artificial Intelligence, Computer Networks, Databases, Machine Learning.

Mumbai, India

**August 2023 - Present**

## SKILLS SUMMARY

- **Languages/Technologies:** Python, JavaScript, SQL, JAVA
- **Frameworks:** HTML5, CSS3, React.js, Node.js, Flask, Express.js, Tailwind CSS, REST APIs
- **Databases:** SQLite, PostgreSQL, MongoDB
- **ML & Data:** TensorFlow, Scikit-learn, NumPy, Pandas, NLTK, Matplotlib, CNN, RNN
- **Soft Skills:** Leadership, Event Management, Public Speaking, Time Management

## EXPERIENCE

- **Smart India Hackathon**

*Team Leader – Government Of India 2024 (Finalist)*

Mumbai, Maharashtra, India · On-site

**Sep 2024 – Dec 2024** (4 mos)

- Led a team to the Grand Finale of Smart India Hackathon 2024, selected among the top 2.4% of participants nationwide.
- Tackled the **Women Safety Analytics** problem statement from **Bharat Electronics Limited (Ministry of Defence)**.
- Developed an innovative solution to enhance women's safety through advanced surveillance and real-time threat detection.

- **Toyota Kirloskar Motor**

*Student Mentor*

Mumbai, Maharashtra, India · On-site

**Jan 2025 – Feb 2025** (2 mos)

- Mentored a team at **Toyota Hackathon 2025**, guiding them in developing a **Driving Angle App**.
- Provided key insights, technical direction, and strategic guidance to shape their innovative solution.
- Contributed to inspiring the next generation of tech innovators by fostering creativity and problem-solving skills.

## PROJECTS

- **Abhayam - Women Safety CCTV Analytics Software** [Repository Link](#) **Dec 2024**
  - Developed an **AI-powered CCTV analytics** solution for **women's safety** under **Ministry of Defence** guidance.
  - Utilized **computer vision** for real-time threat detection and gender/gesture analysis.
  - Our software aims to decrease the threat against women and provide instant justice.
- **Quora Question Pair Detection** [Repository Link](#) **August 2025**
  - Engineered an **XGBoost-based ML solution** for **Quora Question Pair Detection** (Kaggle).
  - Achieved **81.4% accuracy** and **0.366 log loss** by processing over **450,000 question pairs**.
  - Improved content quality and search efficiency by identifying duplicate questions.
- **Boleto-Connect** [Repository Link](#) **Feb 2025**
  - **PERN stack (PostgreSQL, Express.js, React.js, Node.js)** employee management software developed for Boleto-Vadapav company.
  - Streamlined work schedules, payroll, and task assignments for efficient operations.
  - The software enables employees to log their monthly work schedules, while the boss can manage schedules, assign tasks, and track payments efficiently.
- **Ticket Sales Analysis** [Repository Link](#) **Sept 2024**
  - **Flask-based web application** for **Zero-true** company, transforming raw ticket sales data into actionable insights.
  - Features comprehensive sales trend analysis and data visualization for informed decision-making across locations (2024).

## ACHIEVEMENTS AND LEADERSHIP

- Secured **2nd Prize** at **Codethon**, outperforming **100+** teams through innovative problem-solving and teamwork.
- **Oracle Cloud Infrastructure 2025 Certified Generative AI Professional**, skilled in **LLMs, RAG, Semantic Search, Vector Databases, and LangChain**.
- Won **1st Prize** at **Byte-Battle**, organized by the **IETE Committee** at **Vidyalankar Institute of Technology, Mumbai**.
- Secured **Top 10 position** at **Hack-to-Crack**, National-Level Hackathon organized by **VIMEET** among **250 teams** from **14 states**.
- Completed freelance projects for companies including **Boleto Vadapav** and **Nuvance Technologies**.
- Completed **Investment Banking Job Simulation** with **J.P. Morgan & Co.**, gaining practical insights into financial analysis and industry practices.