

ADITYA KUMAR TIWARI

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TECHNICAL SKILLS

- **Languages:** Java, C, Python, JavaScript, PHP, HTML/CSS
- **Frameworks & Libraries:** React.js, Node.js, Express.js, Socket.IO, HTML5, CSS3
- **Cloud Platforms:** AWS (EC2, S3, RDS, Lambda), Google Cloud Platform (GCP), Microsoft Azure
- **Databases:** MySQL, MongoDB
- **Developer Tools:** Git, GitHub, VS Code, Linux, Postman
- **Core Concepts:** Data Structures & Algorithms, DBMS, OOP, Computer Architecture
- **Achievements:** Solved 250+ coding problems on LeetCode

EDUCATION

Kalinga Institute of Industrial Technology <i>Bachelor of Technology in Computer Science - (Current GPA: 8.54)</i>	Sep 2022 - Present <i>Bhubaneswar, Odisha</i>
St. John Secondary School <i>12th Higher Secondary Education - (Passing Percentage - 80.0%)</i>	Jun 2020 - Feb 2022 <i>Buxar, Bihar</i>
DAV Public School <i>Matriculation - (Passing Percentage - 92.2%)</i>	Apr 2009 - Feb 2020 <i>Buxar, Bihar</i>

EXPERIENCE

Cloud Virtual Internship <i>AWS Academy EduSkills — Certificate</i>	Oct 2024 – Dec 2024 <i>Remote</i>
<ul style="list-style-type: none">• Designed and deployed cloud-based solutions using AWS EC2, S3, and RDS—achieving 30% improvement in system efficiency.• Reduced infrastructure costs by 20% through optimized resource provisioning.	
Intel Unnati Industrial Training Program <i>AI/ML Research Trainee — Automotive Safety Project</i>	May 2024 – Jul 2024 <i>Remote</i>
<ul style="list-style-type: none">• Developed IDD algorithms to detect vehicle cut-ins using real-time sensor data for applications.• Collaborated with a multidisciplinary team to prototype and validate detection systems in simulated environments.	

PROJECTS

Real-Time Chat Application <i>Node.js, Socket.IO, HTML, CSS, JavaScript</i> (Project Link)	Aug 2024
<ul style="list-style-type: none">• Built a scalable real-time chat app enabling live, bi-directional communication using Socket.IO and Node.js.• Implemented responsive UI with HTML/CSS for cross-device compatibility and seamless UX.	
Bookstore App – Full-Stack Project <i>React, Express.js, MongoDB Atlas, Node.js</i> (Project Link)	Jan 2025
<ul style="list-style-type: none">• Engineered a full-stack web application with JWT-based authentication, real-time CRUD operations, and cloud deployment.• Optimized API performance and MongoDB queries, efficiently managing over 1000 book records with minimum latency.	
Student Database Management System <i>Java, JDBC, Swing GUI</i> (Project Link)	Dec 2023
<ul style="list-style-type: none">• Developed a Java-based desktop system supporting user login, form validation, and robust error handling.• Integrated CRUD operations with JDBC to enable efficient and secure student data management.	
Traffic Prediction System <i>Python, Google Colab, TensorFlow, Pandas</i> (Project Link)	Feb 2025
<ul style="list-style-type: none">• Built a machine learning model in TensorFlow to predict traffic volume using time, weather, and weekday features.• Performed data cleaning, feature engineering, normalization, and evaluated model performance using visual metrics.	

CERTIFICATIONS

- AWS Academy Graduate - Cloud Architecting
- DSA in JAVA - UDEMY
- SQL Advanced - HackerRank
- Frontend Web Development - MLSA
- Data Processing Specialist - AMCAT
- Coding Ninja Challenge KIIT EDITION (AIR 196) - Coding Ninjas