ADITYA KUMAR TIWARI

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EXPERIENCE

Tecosys   Jan 2025 • June 2025
Full Stack Developer Certificate   *Remote*

 – Developed responsive frontend for **Nutaan.com** chatbot using **React.js**, **TypeScript**, and **Tailwind CSS**, boosting **user engagement** by **50%**.
 – Collaborated with backend team to integrate **REST APIs** with **Node.js**, reducing **API latency** by **30%** and ensuring seamless data flow.
 – Revamped **tecosys.in** webpage with **Vite** and **lazy loading**, improving **page load times** by **35%** and enhancing **SEO**.
 – Designed **Figma** prototypes for **5+** client projects, achieving **95%** alignment with requirements and reducing iterations by **20%**.

Cloud Virtual Internship   Oct 2024 • Dec 2024
AWS Academy — EduSkills Certificate   *Remote*

 – Analyzed and processed datasets using **AWS S3** and **RDS**, improving **data retrieval efficiency** by **30%** through optimized queries.
 – Optimized cloud resources with **AWS Lambda** and **EC2**, reducing **operational costs** by **20%** via efficient provisioning.
 – Implemented secure **data pipelines** adhering to **AWS** best practices, enhancing **system reliability** by **15%**.
 – Deployed **serverless applications** using **AWS CloudFormation**, streamlining infrastructure setup and reducing deployment time by **25%**.

PROJECTS

Bookstore App | *React.js, Node.js, Express.js, MongoDB, Tailwind CSS, JWT* | GitHub | Deployed   **May 2025**

 – Engineered a full-stack digital library system with **React.js** and **Node.js/Express.js**, enabling users to manage and search books, achieving **98% cross-browser compatibility**.
 – Implemented secure **JWT** authentication and **MongoDB**-backed **RESTful APIs**, reducing query times by **25%** and supporting **1000+** users.
 – Designed responsive UI with **Figma** and **Tailwind CSS**, integrating analytics dashboards, boosting **user retention** by **45%**.

Real-Time Chat App | *React.js, Socket.IO, Node.js, Express.js, MongoDB* | GitHub | Deployed   **Dec 2024**

 – Developed a scalable real-time chat platform with **React.js** and **Socket.IO**, supporting **100+** concurrent users with **99%** uptime.
 – Optimized **Node.js/Express.js** backend with **MongoDB** for real-time message storage, achieving **95%** data sync efficiency.
 – Enhanced **UX** with **Figma**-designed interfaces and **CSS** animations, improving navigation by **30%**.

Portfolio Website | *React.js, TypeScript, Tailwind CSS, Vite, Framer Motion* | GitHub | Deployed   **Aug 2024**

 – Built a responsive portfolio with **React.js** and **TypeScript**, ensuring **99% cross-device compatibility** across **10+** devices.
 – Optimized performance with **Vite** and **lazy loading**, cutting load times by **40%** and improving **SEO** rankings.
 – Deployed dynamic **Framer Motion** animations, increasing **user engagement** by **30%** based on session metrics.

TECHNICAL SKILLS

Languages: Java , C , Python , JavaScript, TypeScript , PHP , HTML5/CSS3
Frameworks & Libraries: React.js, Node.js, Express.js, Socket.IO, TensorFlow, Scikit-learn, Tailwind CSS
Databases: MySQL, MongoDB
Cloud Platforms: AWS (EC2, S3, RDS, Lambda), Google Cloud Platform
Developer Tools: Git, GitHub, VS Code,Linux, Jupyter Notebook, Postman
Core Concepts: Data Structures & Algorithms , DBMS, OOPs, Computer Architecture, REST APIs, Web Performance Optimization
Achievements: Solved 350+ **LeetCode** problems , Ranked AIR 196 in **Coding Ninja Challenge KIIT Edition**

EDUCATION

Kalinga Institute of Industrial Technology   Sep 2022 • Present
B.Tech in Computer Science, GPA: 8.67   *Bhubaneswar, Odisha*

 – Relevant Coursework: **Data Structures**, **Algorithms**, **Machine Learning**, Operating Systems

St. John Secondary School   Jun 2020 • Feb 2022
12th Higher Secondary, 78.6%   *Buxar, Bihar*

 – Secured distinction in **Mathematics** and **Chemistry**. Led **inter-school tech symposium**.

DAV Public School   Apr 2009 • Feb 2020
Matriculation, 92.2%   *Buxar, Bihar*

 – Topper in **Mathematics**, **Science**, and **English**. Awarded **Best Student** for academic excellence.

CERTIFICATIONS

AWS Academy Graduate - Cloud Architecting, **AWS Academy**, 2024
SQL Advanced, **HackerRank**, 2023
Data Processing Specialist, **AMCAT**, 2023
DSA in Java, **Udemy**, 2023
Frontend Web Development, **MLSA**, 2023
JavaScript, **HackerRank**, 2023
Coding Ninja Challenge KIIT Edition (AIR 196), **Coding Ninjas**, 2023