

AYAN AHMAD

Undergraduate at Indian Institute of Information Technology, Allahabad

6392383475 | ayanahmad7052@gmail.com | linkedin.com/in/technoayan7 | github.com/technoayan7

EDUCATION

Indian Institute of Information Technology, Allahabad

2021-2025

B.Tech in Information Technology

CGPA: 7.75

EXPERIENCE

Technical Content Writer Intern

January 2024 - Present

GeeksforGeeks

Remote

- Authored articles on Data Structures and Algorithms, resulting in a 40% increase in page views
- Devised alternative approaches for existing algorithmic problems.
- Strong verbal and written communication skills honed through technical writing.

Web Development Internship

December 2023 - January 2024

CodSoft

Remote

- Engineered and delivered a fully functional, responsive e-commerce website
- Implemented backend functionality with NodeJS and MongoDB, leading to a 20% increase in data retrieval efficiency.
- Improved frontend design with ReactJS and Tailwind, enhancing user engagement by 15%.

PROJECTS

Restormer

August 2023 - October 2023

- Implemented Restormer, an Efficient Transformer for High-Resolution Image Restoration, for image draining.
- Created custom dataset Rain1100 comprising 1100 rain and ground truth image pairs, resulting in a significant boost in model accuracy.
- Integrated both pretrained and trained models to optimize performance and achieve effective draining results.
- Calculated PSNR and SSIM values using methodologies and parameters consistent with the original paper, demonstrating an improvement in performance compared to the reported results.

Match Chat

June 2023 - July 2023

- Developed a chat website facilitating user matches with a streamlined chat interface.
- Utilized React-JS with Context for state management, achieving a 20% improvement in UI responsiveness.
- Created REST APIs with Node-JS (Express), incorporating JWTs for user authentication, resulting in a 30% reduction in unauthorized access attempts.
- Integrated MongoDB as the backend database, leading to a 25% increase in data recovery speed.

SKILLS

LANGUAGES: HTML, CSS, JavaScript, C/ C++, Java, Python.

DATABASES: Git, MongoDB, DynamoDB, MySQL.

Frameworks and Libraries: React-JS, Node.js, Express, NextJs, Socket.IO, Redux, Bootstrap, Material UI.

Tools and Technologies: VSCode, Google Colab, Docker, AWS (Amazon Web Services).

Relevant Coursework: Data Structures and Algorithms, Object-Oriented Methodologies, Database Management System, Operating Systems, Cloud Computing, Computer Vision.

CODING PROFILES

Geeksforgeeks: Solved 400 questions, Achieved **36th** Institute Rank.

Leetcode: (Knight) 1925, Successfully Solved **800** questions.

Codeforces: Specialist (1551), Accomplished **600** questions.

Codechef: 4 Star (1838) Rated, Demonstrated expertise in competitive programming.

ACHIEVEMENTS

Completed an **AWS certification course** from Scalar, showcasing proficiency in cloud computing technologies.

Ranked **41** among 20k participants in **Codechef Starters 72 (Div. 4)**.

Achieved Rank **191** in **Codechef Starters 98 (Div. 2)**.

Secured Rank **1144** among 25k participants in **Codeforces Round 887 (Div. 2)**.

Participated in **Google Kick-Start** with a rank of **1969** in Round F, 2022.