

Akarsh Singh

☎ [9555625971](tel:9555625971) 📍 [Allahabad](#) ✉ akarshs641@gmail.com in [Linkedin](#) </> [Leetcode](#) 🐙 [GitHub/Akarsh](#) 📁 [Portfolio](#)

Technical Skills

Languages: C++, JavaScript, TypeScript, SQL, Java, , HTML, CSS

Technologies: React.js, Next.js, Node.js, Express.js, MongoDB, MySQL, Restful APIs, Redux

Developer Tools: Github, Postman, VS Code, Docker, Kubernetes

Concepts:Data Structures and Algorithms (DSA), Operating Systems, OOPs, DBMS, Computer Networks, System Design

Education

Motilal Nehru National Institute of Technology Allahabad

Jun 2025

Bachelor of Technology in Electrical Engineering (CGPA: 7.56 / 10.00)

Allahabad, Uttar Pradesh

Academic Global School

Jun 2020

Intermediate Score: 95%

Gorakhpur, Uttar Pradesh

Coding Platforms

- Solved **800+** Problems with a **1900+** rating on **Leetcode** Profile Link [↗](#)
- Solved **400+** Problems on platforms like **Codeforces**, **GeeksforGeeks** and **InterviewBits** Codeforces Link [↗](#)
- Achieved a **3-Star Rating** on **Codechef** with a **Max Rating of 1624** Profile Link [↗](#)

Achievements

- Secured a **Global Rank 700** in **Leetcode (Knight Badge) Biweekly Contest 139**, showcasing proficiency in data structures and algorithms.
- Achieved a **Global Rank 162** in **Codechef Contest 125 Div 2**, demonstrating competitive programming excellence.

Position of Responsibility

- **Project Lead – Short-term Load Forecasting using Artificial Neural Networks:** Led the development of an AI-based load forecasting model in MATLAB to enhance energy demand prediction accuracy.

Projects

- 📌 **ImaginIQ** | *React.js, Node.js, Express.js, MongoDB, OpenAI, Cloudinary* Oct 2024 - Nov 2024
 - Integrated **OpenAI APIs** to enable prompt-based image generation, delivering high-quality, user-customized outputs and increasing engagement by 35%.
 - Implemented efficient image storage and delivery using **Cloudinary**, reducing load times by 30% and ensuring seamless scalability for user-generated content.
 - Optimized the backend architecture with **Node.js**, **Express.js**, and **MongoDB**, improving API response times by 25% and enhancing overall platform reliability.
- 📌 **Shortify** | *Node.js, Express.js, MongoDB, JWT, EJS, Bootstrap* Jul 2024 - Aug 2024
 - Developed a robust **URL shortening service**, reducing link lengths by 80% and enabling seamless sharing, boosting usability for end-users.
 - Implemented **real-time** click tracking with **MongoDB**, providing detailed analytics that enhanced user insights and engagement by 30%.
 - Strengthened platform security with **JWT-based authentication** and route protection, achieving 100% compliance with access control requirements.
- 📌 **Headlines Hub** | *React.js, Fetch API, CSS, React Router, PWA* Jan 2024 - Feb 2024
 - Crafted a **Progressive Web App (PWA)** for real-time news aggregation, enabling offline access with **service workers** and improving user retention by 30%.
 - Integrated **Fetch API** for efficient API communication, boosting data retrieval speed by 25% and facilitating continuous updates from multiple news sources.
 - Designed an intuitive and responsive UI with **React.js** and **CSS**, enhancing accessibility across devices and increasing daily active users by 25%.