

Mohd Waqar Ahemed

+91 9625219226 / mohdwaqar695@gmail.com / [linkedin.com/in/mohdwaqar98/](https://www.linkedin.com/in/mohdwaqar98/) / github.com/MohdWaqar98

EDUCATION

Inderprastha Engineering College (2021-25)

Bachelor of Technology in Computer Science and Engineering (AIML)

Ghaziabad, Uttar Pradesh

(CGPA: 7.6)

Dr Rajendra Prasad Kendriya Vidyalaya (2021)

Class – XII (CBSE)

New Delhi, Delhi

(Percentage: 87%)

Sarvodaya Bal Vidyalaya No. 2 (2019)

Class – X (CBSE)

Shakarpur, Delhi

(Percentage: 84.2%)

EXPERIENCE

NLP Engineer

- Collaborated with Intel India on a Natural Language Processing(NLP) project.
- Built and deployed a sophisticated multilingual speech-to-text translation system, enabling real-time conversion and transcription; decreased operational translation costs by 40% and enhanced user experience by 30%.

Java Developer

Dhruvacode

- Directed and Developed multiple projects concurrently, consistently meeting weekly deadlines.

PROJECTS

Ganga-Mitra / HTML, CSS, JavaScript, ReactJs, Flask, SpringBoot / [Link](#) (2025)

- Designed an AI-enabled decision support system for real-time water quality monitoring of the Ganga river, improving forecasting accuracy by 85%.
- Integrated IoT-based sensors and satellite data, enhancing decision-making efficiency for authorities and public awareness by 70%.

WackyUI / ReactJS, NextJS, ShadCn, TailwindCSS, Motion, Fumadocs, FramerMotion / [Link](#) (2025)

- Built WackyUI, a modern component library with 25+ customizable UI components using React, Next.js, Tailwind CSS, and ShadCN, deployed via Vercel.
- Integrated live preview, dark mode toggle, and real-time code customization with "Copy to Clipboard" and search functionality for seamless developer experience.
- Utilized Fumadocs for dynamic documentation and Framer Motion for smooth animations, enhancing UI/UX across the platform.

KARNA (Speech To Text Converter) / Python, Google Web Speech API, ML / [Link](#) (2020-21)

- Generated a robust speech-to-text converter supporting over 10 languages, designed to aid hearing-impaired individuals.
- Engineered an AI-powered transcription application capable of converting speech to text with sub-second latency, improving customer support response times by 40% and boosting customer satisfaction scores by 15%.

TECHNICAL SKILLS

Designing Tools: Canva, Figma

Technologies: Java, SpringBoot, MicroServices, GraphQL, Redis, PostgreSQL, Apache Kafka, React JS, Rabbit MQ, JDBC, JSP, Servlet, SQL, JavaScript, HTML/CSS, Git, Github, Apache Tomcat, MongoDB, Numpy, Pandas, Jupyter Notebook, Thymeleaf, Tailwind CSS.

CERTIFICATION AND ACHIEVEMENTS

- 1st Runner Ups in Smart India Hackathon 2024 and Hackspire 2024.
- Contributed in the Hacktoberfest 2024 and Got badges upto level 4.
- Showcased Project “KARNA” to President Dr Ram Nath Kovind and Education Minister Dr Ramesh Pokhriyal at Dr Rajendra Prasad Kendriya Vidyalaya(2020-21)

EXTRACURRICULAR

Actor at The Craftomaniacs, IPEC Ghaziabad.