Ashutosh Kumar

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EDUCATION

National Institute of Technology, Jamshedpur — Jamshedpur, Jharkhand
Bachelor of Technology in Electrical Engineering — *Aug. 2024 - Present*

Rani Laxmi Bai Memorial School — Lucknow, Uttar Pradesh
CBSE-PCM Grade-91 — *2022 - 2023*

City Montessori School — Lucknow, Uttar Pradesh
ICSE Grade-86 — *2020 - 2021*

EXPERIENCE

Frontend Developer — August 2024 - Present
OJASS- Technical Fest of NIT Jamshedpur — *Jamshedpur, Jharkhand*
- Designed and developed responsive web pages for OJASS, the annual technical fest of NIT Jamshedpur.
- Built dynamic UI components using React.js, JavaScript, HTML, and CSS.
- Collaborated with the web and design teams to enhance site performance and user experience.

Video Editor — August 2024 – Present
Innoreva - Official IOT Club of NIT Jamshedpur — *Jamshedpur, Jharkhand*
- Edited promotional and project showcase videos highlighting IoT innovations.
- Created short reels and intro videos for club events to boost engagement and visibility.
- Utilized CapCut and Adobe After Effects for transitions, text animations, and syncing visuals to sound.

PROJECTS

Qwerty | *HTML, CSS, Javascript, React, Tailwind* — June - 2024
- Built a typing speed test application inspired by Monkeytype, allowing users to practice typing and track accuracy, WPM, and time.
- Designed a minimal, responsive UI for distraction-free typing and smooth animations.

Life-line | *HTML, CSS, Javascript, React, Tailwind, MERN* — November - 2025
- Built during ElectroHack 2025, a hackathon by Pravaradhan, EES. Secured 1st place. A healthcare assistance platform that streamlines emergency support, blood donation requests, hospital/pharmacy coordination, medical resource tracking, and health record access with real-time updates and an AI assistant for ambulance booking and emergency raising.
- Designed a minimal, responsve UI with React and Tailwind.

Medi-Bridge | *HTML, CSS, Javascript, React, Tailwind, ShadCN, MERN* — November - 2025
- Built during BitShift Hackathon organized by Usha Martin University, Ranchi. Secured 8th place out of 65+ teams. An OPD management system enabling patients to book appointments online via multilingual (English/Hindi) AI-based voice commands, providing seamless access to nearby hospitals.
- Designed a minimal responsive ui with React and Tailwind for frontend and MERN for backend, Gemini model for ai voice assistant

TECHNICAL SKILLS

Languages: C/C++
Frontend: HTML, CSS, Javascript, Tailwind-CSS, React, ShadCN
Backend: Node.js, Express.js, Socket.io
Database: MongoDB
Tools: Git, Github, VS Code, Vercel, Postman