Kushagra Tiwari

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Education

National Institute of Technology, Surathkal   **Aug 2023 – Apr 2027**
B.Tech in Electrical and Electronics Engineering   *CGPA: 7.1/10*

Experience

Qlue   **May 2025 – Jul 2025**
React Native Developer Intern
- Developed cross-platform mobile applications using React Native.
- Built real-time chat features using Socket.io and Firebase.
- Integrated push notifications, improving engagement by 40%.

Advista   **Jan 2025 – Feb 2025**
Frontend Developer Intern
- Designed and implemented responsive UI components using React.js.
- Improved load performance through code splitting and lazy loading.
- Collaborated closely with design teams to deliver pixel-perfect layouts.

Projects

StreamSync

- Built a real-time video streaming platform using WebRTC and the MERN stack.
- Implemented HLS for low-latency delivery and live chat using Socket.io.
- Designed custom streamer dashboards and viewer analytics modules.

Qlueless App

- Developed a Q&A community app with real-time notifications and chat.
- Implemented chat and notification systems using Firebase and Redux Toolkit.
- Focused on performance and UX across mobile devices.

FileForge

- Engineered a cloud storage platform with secure file sharing and collaboration.
- Used AWS S3 for file storage and JWT for user authorization.
- Enabled real-time file status updates and access control.

YT Summary Chrome Extension

- Created a Chrome extension that summarizes YouTube videos using NLP.
- Parsed video transcripts and generated key points using a custom ML pipeline.
- Integrated with React for UI and Firebase for backend services.

Skills

- **Languages:** JavaScript, Python, C++, C#
- **Frontend:** React.js, Next.js, Tailwind CSS, Redux, React Native
- **Backend:** Node.js, Express.js, Django, WebSockets, REST APIs
- **Databases:** MongoDB
- **Tools:** Docker, Git, WebRTC, Nginx, Firebase

Languages

- English (Fluent), Hindi (Native)