Kislay Kumar

kislaykk.work@gmail.com | +91-8002715382 | LinkedIn: Kislay Kumar | Github: kk3069kk

EDUCATION

Indian Institute of Information Technology (IIIT) Una   Una, Himachal Pradesh, India
B. Tech. in Electronics and Communication Engineering   *Expected May 2026*

EXPERIENCE

Infrawave Solutions   Remote
SDE Intern - Full Stack Web Development   *May 2025 – August 2025*

- **Built and shipped full-stack features** using **React.js, Redux, Node.js, and REST APIs**, reducing page load and data fetch latency by **20%**.
- **Architected reusable components and shared state patterns**, enabling consistent UI behavior and cutting feature development time by **30%**.
- **Improved client rendering and server data flow** by optimizing bundles and API payloads, maintaining stable **60 FPS** user interactions.
- **Resolved 50+ production UI and integration issues** across client and server layers using Chrome DevTools and API debugging, improving cross-device reliability.

PROJECTS

- **ECOVA Club Website** *Technologies: React.js, Tailwind CSS, Node.js, Redux, MongoDB*
  - **Launched a full-stack event platform** with role-based access and end-to-end features, attracting **400+ views** on day one.
  - **Developed backend APIs and admin dashboards** to manage **10+ events** and track **300+ participants** reliably.
  - **Implemented role-based access and production deployment** for **100+ users** on **Vercel** with persistent data.

- **Netflix GPT** *Technologies: React, Redux Toolkit, Firebase, Tailwind CSS, TMDB API, OpenAI API*
  - **Architected an AI-driven movie platform** using **React, Firebase, OpenAI, and TMDB APIs**, serving **1,000+ movies**.
  - **Established secure access control and route protection** through **Firebase Auth**, supporting **100+ active user sessions**.
  - **Refined API consumption and UI performance** using custom hooks and memoization, achieving **30% efficiency gains**.

- **Social Website for an Organization** *Technologies: React.js, Node.js, Express.js, MongoDB*
  - **Engineered a full-stack React + Vite application** with **8+ reusable components** and API-driven views, improving UI consistency.
  - **Boosted end-to-end performance by 30%** through optimized state flow, efficient data fetching, and component refactoring.
  - **Unified external APIs and production delivery**, reducing bundle size by **20%** through code-splitting and modern tooling.

SKILLS

- **Languages:** C, C++, Python, JavaScript (ES6+), HTML5, CSS3, SQL, MySQL MongoDB
- **Web Development:** React.js, Redux, Redux Toolkit, Node.js, Express.js, Bootstrap, Tailwind CSS
- **Backend & APIs:** RESTful API Development, JWT Authentication, Bcrypt, Multer, Firebase Realtime DB
- **Tools & Platforms:** Git, GitHub, Postman, VS Code, Jupyter Notebook, LaTeX
- **Core CS Concepts:** Data Structures and Algorithms, Object-Oriented Programming (OOP), DBMS

CERTIFICATIONS

- **Namaste React - Web Development:** Completed a comprehensive program covering **HTML5**, **CSS3**, **JavaScript**, **Tailwind CSS**, and **React.js**, culminating in the development of multiple responsive web applications.
- **Data Structures and Algorithms Specialization – Coursera:** Mastered algorithmic programming techniques including sorting, searching, and graph algorithms, with hands-on implementation in **C++**.

ACHIEVEMENTS & LEADERSHIP

- **Competitive Programming:** Solved 400+ problems on **Leetcode** with **1600 rating** to enhance analytical & algorithmic skills.
- **Secretary, ECOVA Club, IIIT Una:** Led 60+ members across 8 departments and coordinated 10+ events.
- **Technical Head, EPMOC Club, IIIT Una:** Oversaw technical operations and execution for 10+ college events.
- **Silver Medalis - Chess Tournament:** Secured 2nd position in an Inter-School Chess Championship.
- **UCL Football Tournament:** Achieved 1st place among all participating teams.