

# Kislay Kumar

[kislaykk.work@gmail.com](mailto:kislaykk.work@gmail.com) | +91-8002715382 | LinkedIn: [Kislay Kumar](#) | Github: [kk3069kk](#)

## EDUCATION

**Indian Institute of Information Technology (IIIT) Una**

B. Tech. in Electronics and Communication Engineering

Una, Himachal Pradesh, India

Expected May 2026

## EXPERIENCE

**Infrawave Solutions**

SDE Intern - Full Stack Web Development

Remote

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

- **DevTinder — Real-Time Developer Matching** Technologies: *React.js, Node.js, Express.js, Socket.io, Razorpay, OpenAI API, MongoDB, Tailwind CSS, Redux*
  - Engineered a full-stack Tinder-inspired platform enabling developers to discover, match, and connect in real time.
  - Implemented low-latency real-time messaging using **Socket.io** and **WebSockets** for seamless user communication.
  - Integrated **Razorpay** to build a secure **subscription-based monetization system** with controlled user access.
  - Enhanced user engagement and UI quality by leveraging **OpenAI-powered chat suggestions**, **Redux** for scalable state management, and **Tailwind CSS** for a responsive, modern interface.
- **Netflix GPT** Technologies: *React, Redux Toolkit, Firebase, Tailwind CSS, TMDB API, OpenAI API*
  - Architected an AI-powered movie discovery platform using **React, Firebase, OpenAI, and TMDB APIs**, serving **1,000+ movies**.
  - Implemented secure authentication and route protection with **Firebase Auth**, supporting **100+ active user sessions**.
  - Optimized API workflows and frontend rendering using custom hooks, memoization, and efficient data-fetching patterns, achieving **30% gains in responsiveness and performance efficiency**.
- **ECOVA Club Website** Technologies: *React.js, Tailwind CSS, Node.js, Redux, MongoDB*
  - Delivered a production-grade full-stack event platform with robust role-based access control, achieving **400+ views** on day one.
  - Architected scalable backend APIs and admin dashboards to manage **10+ events** and maintain **300+ participant records**.
  - Deployed and operated a secure production system on **Vercel**, reliably supporting **100+ active users** with persistent data storage.

## SKILLS

- **Languages:** C, C++, Python, JavaScript (ES6+), HTML5, CSS3, SQL, MySQL, MongoDB
- **Web Development:** React.js, Redux, Redux Toolkit, Node.js, Express.js, Web Socket, Tailwind CSS
- **Backend & APIs:** RESTful API Development, JWT Authentication, Bcrypt, Multer, Firebase, Razorpay
- **Tools & Platforms:** Git, GitHub, Postman, VS Code, MongoDB Compass, LaTeX, Vercel, Render
- **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.