

# Kislay Kumar

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## 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 Medalist - Chess Tournament:** Secured 2nd position in an Inter-School Chess Championship.
- **UCL Football Tournament:** Achieved 1st place among all participating teams.