

# Akash Sharma

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## SKILLS

- **Languages:** C++, Javascript, HTML, CSS
- **Frameworks:** React.js, Node.js, Next.js, Express.js
- **Tools:** Git, GitHub, Linux
- **Databases:** MongoDB, MySQL/PostgreSQL
- **Cloud/DevOps:** AWS, Docker, Kubernetes

## PROJECTS

- **Remote Interview Platform | MERN Stack Project** Since Oct 2024
  - Developed a full-stack **video-calling interview platform** using **React.js, Node.js, Express.js, and MongoDB**, enabling 1-on-1 remote technical interviews.
  - Integrated a **VSCode-powered code editor** with real-time code execution and automated feedback based on test cases.
  - Implemented **secure authentication** using **Clerk** and added **video calls, chat messaging, and screen sharing** via **Stream APIs**.
  - Developed a **dynamic dashboard** with live session stats, performance metrics, and practice problem tracking.
  - Implemented **TanStack Query** for efficient data fetching and caching, **Inngest** for background jobs, and deployed the app on **Sevalla**
  - Developed a **dynamic dashboard** with live session stats, performance metrics, and practice problem tracking
- **Real-Time Chat Application | MERN Stack Project** Since Jan 2025
  - Developed a **real-time chat platform** using **React.js, Node.js, Express.js, and MongoDB**, enabling instant communication with user authentication and email integration.
  - Implemented **custom JWT authentication, Socket.io** for real-time messaging, and **online/offline indicators** for active user status.
  - Integrated **welcome email automation** via **Resend**, **image uploads** through **Cloudinary**, and **API rate limiting** using **Arcjet**.
  - Build a **responsive UI** with **Tailwind CSS** and **DaisyUI**, managing global state efficiently using **Zustand**.
  - Deployed on **Sevalla**, following **Git & GitHub workflows** (branches, PRs, merges) and maintaining environment security with **.env** configuration

## CERTIFICATES

- Certified in AI integration with the MERN stack | W3elite July 2024
- Acquired advanced skills in MongoDB CRUD operations, | GeeksforGeeks Oct 2023
- Contributed to the WEB-A-THON 24-Hour Hackathon at Lovely Professional University Sept 2024

## ACHIEVEMENTS

- Qualified for Round 2 of the Naukri Campus Young Turks Contest Nov 2024
- Participated in Smart India Hackathon 2024 Oct 2024

## EDUCATION

**Lovely Professional University**, Jalandhar, Punjab  
**B. Tech** in Computer Science & Engineering; 2022 – Present  
CGPA: 7.5

**Children Valley Public Senior Secondary School**, Ludhiana, Punjab  
**Intermediate** April 2021 - March 2022  
**Percentage:** 89%

**Children Valley Public Senior Secondary School**, Ludhiana, Punjab  
**Matriculation** April 2019 - March 2020  
**Percentage:** 90%