

KESHAV SHARMA

CSE Chitkara University 2025

@ keshavsharma8000@gmail.com 📧 Himachal Pradesh,India 🌐 keshav1sharma 📞 +91 8580841809 📧 keshav8k

EXPERIENCE

Subject Matter Expert

Chegg India

📅 Sept 2022 – Present 📍 Remote,IN

- Delivered accurate and efficient solutions, leading to a **90%** student satisfaction rating on my responses.
- Provided expert guidance in resolving student queries across 15 diverse C++, DSA, Theory of Computation, and Algorithms topics.

EDUCATION

B.E in Computer Science & Engineering

Chitkara University, Punjab

📅 CGPA: 9.69 📍 2021 -2025

Senior Secondary Examination HPBoSE - Class XII

Mount Everest Senior Secondary School

📅 Percentage: 89.6% 📍 2020-2021

CODING PROFILES

Codechef - keshav8k [Rating: 1613 - 3 Star]

Leetcode - keshavsharma8000 [250+ solved /150+ streak]

Google KickStart - 3544 rank (2022)

EXTRA CURRICULARS

University Badminton Team (2022-2023)

- Propelled team success as a dedicated member of the University Badminton Team (2022-2023), contributing to a total of **4 victories**.
- Showcased dedication, discipline, and sportsmanship through **50+ matches**, regular training sessions and maintaining a positive team spirit.

POSITION OF RESPONSIBILITY

Tournament Management

- Managed the organization and execution of **10+** badminton tournaments, catering to **100+** participants.
- Served as an adjudicator for **50+** matches in the prestigious National Pharma FEST 2023.
- Earned positive feedback from 95% of participating teams for fair and consistent adjudication.

CERTIFICATIONS

- Mastering Data Structures and Algorithms using C & C++ - Udemy.
- C++ Programming Beginner to Advanced - Udemy
- Explore Machine Learning using Python - Infosys
- JavaScript Essentials 1 - Cisco Networking Academy

TECHNICAL SKILLS

- **Programming Languages:** Java, C, C++ (Competitive Programming), Python, JavaScript
- **Data Structures & Algorithm** , Git, SQL , AWS , Docker .
- **Object Oriented Programming** , Arduino , Linux .
- **Front-End:** Bootstrap, jQuery & React.js , MUI.
- **Back-End:** Node.js, Express.js Django & MongoDB (Database)

ACHIEVEMENTS

- Achieved 4th place in University CodeKaze by Coding Ninjas - 2023
- Secured a top 10 position in the SmartApp Development Hackathon - 2023
- 1st Position at the AAROHAN [Inter-Uni] Badminton Champion 2023

PROJECTS

OpenArbor

- Engineered OpenArbor, an **open-source** Learning Management System (LMS)
- Built robust user **authentication** and **registration**, ensuring the integrity of 100+ users.
- Enabled **WebRTC**-based virtual classrooms with integrated **real-time** chat rooms capable of 50+ concurrent users.

Tech Stack - React.js, Node.js, Express.js, MongoDB.

🌐 keshav1sharma/OpenArbor

ProfileGen

- An HRMS web app that **automates** the generation of professional profiles based on candidates' resumes, **eliminating** manual work by **60%**.
- Streamlined resume parsing by integrating **OCR** technology, extracting relevant information with **95%** precision for effortless profile creation.

Tech Stack - Bootstrap, Django, Python , JavaScript.

🌐 keshav1sharma/ProfileGen

Excel2Mailer

- Engineered a time-saving application **automating** certificate generation and delivery and achieved **70%** reduction in manual processing time.
- Converted **Excel** to **JSON** seamlessly, optimizing data storage and manipulation by 25% faster data retrieval.

Tech Stack - Node.js, Express, and MongoDB.

🌐 keshav1sharma/Excel2Mailer

Shadow Footwork

- Developed an **Arduino**-based system that delivers real-time, accurate footwork speed metrics with 97% precision.
- Optimized training by 25% sessions with **data-driven** insights.

Tech Stack - C, Arduino , LiquidCrystalI2C.h.

🌐 keshav1sharma/Shadow_Footwork