Keshav Agarwal

📞 +91-7017540010 ✉ agarwalkeshav185@gmail.com in keshav9880 ○ agarwalkeshav185 </> agarwalkeshav185

Education

Indian Institute of Information Technology, Una	**2022 - Present**
Bachelor of Technology in Computer Science - CGPA: 9.02 (Current)	*Una, Himachal Pradesh*
Blue Birds International School, Mandi Dhanaura	**2020 - 2021**
Percentage (PCM-CS): 98.8%	*Dhanaura,Uttar Pradesh*

Experience

Full-Stack Development Intern — **April 2025 - Present**

Twwios Technologies

- **End-to-End Development:** Engineered 20+ backend APIs for **Last Minute Deals** using Node.js and MongoDB to enable seamless multi-platform access.
- **Code Writing:** Learned how to write clean, understandable and good code with proper file structuring working with a team of 20+ members.
- **Collaboration:** Worked closely with senior developers to design, optimize and implement scalable, high-performance backend.

Projects

AirPass—Airline Backend System — **January 2025 - March 2025**

NodeJS, ExpressJS, MySQL, Sequelize, Bcrypt, Node-Mailer — *GitHub*

- Developed a scalable Node.js-based **microservices** architecture for airline management, implementing 5 distinct services and supporting 1000+ simulated client requests per hour.
- Integrated **RabbitMQ** to enable asynchronous communication, increasing inter-service reliability and reducing response latency by up to 40%.
- Utilized **Sequelize** ORM for efficient database modeling and migrations, managing 4+ core airline data entities and streamlining onboarding for new developers.

JobGenius — **May 2025 - Present**

ReactJS, NodeJS, MongoDB, ExpressJS, Mongoose, Bcrypt — *GitHub*

- Developed a full-stack job portal enabling recruiters to post job listings and applicants to search and apply efficiently.
- Implemented **JWT-based authentication** to ensure secure user access.
- Integrated **Cloudinary** for secure and efficient resume upload, enabling recruiters to access candidate profiles.
- Optimized database queries in MongoDB.
- Integrated a resume parsing feature to extract key candidate details automatically, enhancing recruiter efficiency.

Technical Skills

Languages: C, C++, HTML, CSS, JavaScript, SQL, NoSQL, Python
Developer Tools: VS Code, Google Collab, Git,GitHub, Docker, MySQL, MongoDB, DialogFlow
Frameworks : Node.JS, Express.JS, React.JS, Mongoose, Sequelize
CS Core: Database Management System, Object Oriented Programming, Operating systems, Computer Networks

Positions of Responsibility

- Design Head   EIC (Entrepreneurship and Incubation Cell) at IIIT Una   **June 2024 – March 2025**
- Core Member   FORCE (Technical Society) at IIIT Una   **June 2024 – Present**
- Core Advisor   AAVESH (Electronics Society) at IIIT Una   **March 2025 – Present**

Achievements

- Solved over **750+ data structures and algorithms problems** on competitive coding platforms such as LeetCode, CodeChef, CodeForces and GeeksforGeeks.
- Achieved **20th rank** out of thousands of participants in the coding contest **CODE-RUSH**, hosted by **Algo University**.
- Secured top **5 position** in **Prog-o-thon** Hackathon and **1st place** in **Scavenger Hunt** at Meraki 2023.
- Achieved **2-star(1460)** on CodeChef and 1600+ on **LeetCode**.

Extracurricular

- Spearheaded **AAVESH** (Electronics Society) initiatives, conducting 6 technical workshops & 4 events, fostered innovation & knowledge-sharing among 50+ peers regularly, encouraging collaborative project contributions.
- Organized **Run Code Run** (Inter-College Event) in the **Meraki**, TechFest of IIIT Una, attracting participation from **50+ students**, and fostering interest in data structures and team collaboration.