

KUMAR VAIBHAV

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Summary

Computer Science student with hands-on experience in backend development and microservices architecture. Built scalable applications using Node.js, Go, and MongoDB with exposure to Clean Architecture and authentication systems. Strong foundation in data structures and system design fundamentals, focused on building reliable and maintainable backend systems.

Education

Chitkara University, Himachal Pradesh

Bachelor of Engineering in Computer Science

2023 – 2027

CGPA: 8.12

Experience

Astana IT University, Kazakhstan

Computer Engineer Intern

April 2025

- Developed RESTful APIs using Go in a microservices environment following Clean Architecture principles.
- Implemented JWT-based authentication and reusable backend utilities.
- Collaborated in an Agile workflow, contributing to debugging, code reviews, and modular system design.
- Assisted in maintaining scalable backend services with structured service separation.

Projects

Impact Diaries | *MongoDB, Express.js, Node.js, Go*

2025

- Built a full-stack community blogging platform enabling users to create and manage content.
- Designed RESTful APIs and structured backend modules following Clean Architecture principles.
- Integrated JWT authentication and implemented secure user flows.
- Structured services in a microservices-based backend setup.

Technical Skills

Languages: Java, C++, JavaScript, Go

Frontend: HTML5, CSS3, React, Next.js

Backend: Node.js, Express.js, RESTful APIs, JWT Authentication, Microservices Architecture

Databases: MongoDB, SQL

Tools & Platforms: Git, GitHub, Linux, Postman

Certifications

JPMorgan Chase & Co. – Software Engineering Job Simulation (Forage)

February 2026

Backend Engineering Simulation

- Completed practical tasks including Kafka integration, H2 database setup, and REST API implementation.
- Gained exposure to enterprise backend architecture workflows.

Red Hat Linux Certification – Infosys Springboard

April 2024

Linux System Fundamentals

Network Fundamentals – Infosys Springboard

October 2024

Computer Networking Concepts

Hackathons

HackIndia Hackathon

2024 & 2025

Participant

- Collaborated in team-based problem solving to design and implement technology-driven solutions under time constraints.

Israeli–India Hackathon

2025

Advanced to Second Round

- Demonstrated analytical thinking and technical proficiency in a competitive innovation-focused environment.