

Sunil Shrestha

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[GitHub](#) — [Codolio Profile](#)

Objective

Seeking a Software Engineering Internship to apply skills in Java, APIs, and web development while gaining hands-on experience with cloud (AWS), automation, and collaborative engineering practices.

Summary

Computer Science student with practical experience building full-stack web applications. Strong foundation in Java, C++, and JavaScript with interest in backend development, REST APIs, and scalable real-time systems.

Education

Chitkara University — Himachal Pradesh

Bachelor of Engineering: Computer Science

Expected: July 2027

Skills

Programming: Java, C++, C, JavaScript

Web: React, Node.js, Express.js, MongoDB, REST APIs

System Design: High-Level Design (HLD), Low-Level Design (LLD), module breakdown, class design, API design basics

Tools: Git, Linux, Docker, Kubernetes, Bash

Testing: API testing, basic automation concepts

Soft Skills: Problem solving, teamwork, curiosity to learn

Activities and Honors

- Participated in Hack India Hackathon.
- Solved 200+ coding problems on LeetCode and GeeksforGeeks.
- Practiced containerization and orchestration (Docker, Minikube, kubectl).

Accomplishments

Presented a research paper titled “*Enhancing Brain Tumor Detection: A Deep Learning Approach for Precision in Medical Imaging*” at a conference organized by Chitkara University.

Projects

Full-Stack Bookstore Website (MERN, Zustand, Socket.io)

- Built a bookstore platform with Admin and User dashboards.
- Implemented cart, favourites, and order management using REST APIs.
- Developed secure role-based access for admin operations.
- Integrated Socket.io for real-time delivery-status updates.
- Designed backend APIs using Node.js/Express and MongoDB (Mongoose).
- Explored deployment concepts applicable to AWS environments.
- Live Website: book-store-frontend-zjs6.onrender.com
- GitHub Repo: github.com/sunilstha001/book-store

Tech: JavaScript, React, Node.js, Express, MongoDB, Zustand, Socket.io

Notes Taking Website (Full Stack – MERN)

- Built a note-taking system with user authentication.
- Implemented secure JWT-based login and protected routes.
- Created APIs for creating, updating, and deleting notes.
- Live Website: notes-taking-frontend.onrender.com
- GitHub Repo: github.com/sunilstha001/notes-taking

Tech: React, Node.js, Express, MongoDB, JWT