**Moksh Sharma**

[LinkedIn](https://www.linkedin.com/in/moksh59022/) | [Github](https://github.com/moksh59022?tab=repositories) | [LeetCode](https://leetcode.com/u/lCvqFPjs3s/)

**TECHNICAL SKILLS**

**Languages:** Java [Intermediate], JavaScript [Intermediate], C++ [Basic]

**Frontend:** React, Vite, Tailwind CSS, HTML5, CSS3

**Backend:** Node.js, Express.js

**Databases:** MongoDB, MySQL

**Tools / Frameworks / Libraries / Version Control / OS / APIs:** Git, GitHub, REST APIs, JWT Authentication, OAuth, Razorpay Integration, Puppeteer, Render, Vercel, Postman

**PERSONAL STATEMENT**

Aspiring Software Development Engineer skilled in DSA, MERN stack, Git/GitHub, Puppeteer automation, and web scraping. Built SkillBridge, a scalable student networking platform. Seeking an internship to apply technical skills and contribute to impactful product development.

**PROJECTS**

| [**SkillBridge**](https://skillbridgeweb.netlify.app/) **|** [**Github Repo Link**](https://github.com/kalviumcommunity/S85_Moksh_Capstone_SkillBridge.git) | **Apr 2025 – May 2025** |
| --- | --- |

Engineered and launched a MERN web app supporting 20+ students, featuring secure JWT authentication and real-time messaging via WebSockets managing concurrent users.

* **Tech Stack and Frameworks leveraged:** MERN stack (MongoDB, Express.js, React, Node.js), Tailwind CSS, JWT Authentication, WebSockets; deployed on Vercel & Render.
* **Problem Solved / Use Case:** Simplifies professional networking for students by connecting them with companies and professionals for project-based collaborations.
* **Impact / Usage :** Early adopter base of 20+ students with 95% satisfaction; enhanced UX by reducing message latency to under 200ms.
* **Challenges Tackled / Learning Outcome:** Built direct messaging with WebSockets supporting 50+ concurrent users; troubleshot multiple production deployment issues.

| **YouTube Playlist Scraper |** [**Github Repo Link**](https://github.com/moksh59022/yt-playlist-scraper.git) | **Mar 2025 – Apr 2025** |
| --- | --- |

Created a Node.js automation tool using Puppeteer to scrape and export 600+ video details per run from YouTube playlists into structured PDFs with PDFKit.

* **Tech Stack and Frameworks used:**  Node.js, Puppeteer, PDFKit, JavaScript.
* **Problem Solved / Use Case:** Accelerated data extraction for content creators and researchers, eliminating manual playlist data collection.
* **Impact / Usage :**  Automated scrolling and DOM handling to capture 100% of dynamic playlist content consistently.
* **Challenges Tackled / Learning Outcome:** Cut manual data collection time from 30 minutes to under 1 minute; mastered advanced web scraping techniques including dynamic content handling and async operations.

**EDUCATION ENROLLMENT**

| **Kalvium’s UG program in CS (Software Product Engineering)** | **2024-28** |
| --- | --- |

Campus: Baddi, HP | Bachelor’s enrollment: B.E., Chitkara University

**ACHIEVEMENTS & EXTRACURRICULARS**

* Accomplished 500+ DSA problems on LeetCode and GeeksforGeeks, sustaining a 100+ day daily practice streak.
* Collaborated within a 4-member team to develop innovative solutions for the Smart India Hackathon (SIH), delivering results under tight deadlines.