

# Daulat Singh (Portfolio)

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## Skills

**Programming Languages:** C, C++, Python, Javascript

**Framework & Libraries:**

Frontend - Html, CSS, ReactJS, Tailwind CSS, Bootstrap

Backend - NodeJS, Express, Restful API

Database - MySQL, MongoDB

Tools - Git & Github, Postman, Scrapy, Playwright

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## Work Experience

**Data Engineering Intern | Mediaamp | [June 2025 – Current]**

- Developed Scrapy & Playwright scrapers for 10+ e-commerce sites, handling JS, CAPTCHAs, honeypots, and proxy rotation.
- Ensured smooth automated scraper operations using **Redis**, **Celery**, and **DAG** schedules, processing lakhs of URLs daily while monitoring performance and understanding the workflow.
- Improved spider SLA and proxy success, optimizing performance by handling errors carefully.
- Built dashboards with **Looker** Studio using **PostgreSQL** data, transforming and analyzing large datasets for daily spider runs, proxy tracking, and spider metrics.
- Delivered large-scale automated data collection for product and competitor insights.

## Projects

### Real Time Chat App

- Built a full-stack chat app with **Node.js**, **Express**, **MongoDB**, **JWT auth**, **Socket.io** messaging, real-time online/offline tracking and **OTP email verification via Brevo**.
- Optimized performance using **Redis caching**, reducing message fetch time.
- Developed responsive, theme-switchable UI with TailwindCSS, DaisyUI, and managed global state via **Zustand** with robust data validation.

### Game Listing Website

- React app to discover games via **RAWG API** with search, filters, game details, pagination, and per-user bookmarks (**Clerk auth**).
  - Built with **Redux Toolkit**, React Router, Bootstrap, Vite, with skeleton loaders, custom error pages, and **CI/CD** to automate **Docker** build & push to Docker Hub.
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## Education

**Poornima College Of Engineering, Jaipur**

**2022 - 2026**

Bachelor of Technology - Computer Science (with specialization in Cyber Security)

CGPA - 7.38

**Kendriya Vidyalaya I.S.A. Mount Abu**

**2020 - 2021**

- CBSE (Class XII)

78%

**Rotary Integrated Secondary School, Mount Abu**

**2018 - 2019**

- RBSE (Class X)

82%

**Course Work**

Operating System, Computer Networking, Database Management System,  
Data Structure And Algorithm, Object-Oriented Programming.

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## Achievements

- Leetcode And Code360 Problems Solved: 100+ in algorithms and data structures
- Top league in Code360 [Leetcode](#) [Code360](#)
- Courses: MERN Stack
- Hackathons: Participated in HackIt Sapiens organised by Poornima College Of Engineering, only few teams all over India were selected.