

# Hardik Sharma

Leetcode : [leetcode](#) GitHub : [github](#) Portfolio : [portfolio](#)

Email : hs489819@gmail.com

Mobile : +91-7889480969

## SKILLS

- Languages : C++, JavaScript
- Automation and Testing : Postman(API Testing), JUnit, React Testing Library(RTL)
- DevOps and CI/CD : Git, Docker, AWS
- Technologies/ Library : SQL, React, Next.js, Redux-Toolkit, Redis, Tailwind CSS, Node.js, Express.js, MongoDB
- Additional Skills : DSA, OOP, Project Management, REST APIs, Microservices Architecture, MVC Design Pattern

## EXPERIENCE

### Outlier ( AI & DATA SOLUTIONS COMPANY ) | AI Trainer

Nov 2024 - Jan 2025

- Trained AI models by generating **100+ high-quality prompts** and providing accurate responses for mathematical problems
- Developed and refined AI-generated content to improve clarity, correctness, and relevance, enhancing AI accuracy by **20%**
- Collaborated with AI researchers to enhance prompt engineering techniques, leading to a **15% up in response efficiency**
- Ensured consistency in AI-generated mathematical solutions by applying domain expertise, validating **95%+ responses**

## PROJECTS

### Sentinel - Uptime & SSL Monitoring SaaS | Next.js, AWS Lambda, SQS, Redis, PostgreSQL | [Live](#)

Jan 2026 - Feb 2026

- Architected a **serverless**, event-driven monitoring engine using AWS Lambda, SQS, and EventBridge, decoupling scheduling from execution to scale concurrent uptime checks with **99.9% reliability**.
- Engineered a high-performance caching layer via Upstash Redis, reducing PostgreSQL read load by **95%** and achieving sub-50ms load times for high-traffic public status pages.
- Implemented secure OAuth authentication strategies with decoupled session management, optimizing token payloads to eliminate storage overhead and enhance security posture.
- Developed real-time analytics dashboards visualizing latency trends using Recharts, backed by optimized Prisma ORM queries to handle scalable historical time-series data.
- Automated intelligent notification pipelines using Resend, triggering instant alerts for critical downtime incidents and SSL expiries based on real-time worker feedback.
- Integrated Stripe subscriptions with secure webhook verification to automate recurring billing cycles and enforce tiered resource limits for premium users.
- GitHub Repository : <https://github.com/hardiksharmaa/sentinel>

### CodeX - Gamified Coding Platform | PostgreSQL, Next.js, CodeSandbox | [Live](#)

Nov 2025 - Dec 2025

- Built a full-stack gamified SaaS platform using Next.js, Tailwind CSS, Neon PostgreSQL, and Drizzle ORM with progress tracking.
- Implemented authentication and subscription-based access control using Clerk OAuth, enabling premium content locking.
- Optimized dashboard performance by consolidating multi-table queries, minimizing API calls, and rendering personalized data.
- Developed an in-browser coding playground using CodeSandbox with live preview, resizable panels, and executable code editor.
- Engineered intelligent progression logic to unlock exercises sequentially and redirect users to the latest unlocked learning state.
- GitHub Repository : <https://github.com/hardiksharmaa/CodeX>

### Quick.ai - AI Content Generation SaaS | PostgreSQL, React, Express, Clerk | [Live](#)

Aug 2025 - Sep 2025

- Built a full-stack PERN app, delivering a complete SaaS platform for AI-driven, automated content creation and management
- Integrated Google's Gemini and Clipdrop APIs to enable features like article writing and image Generation and many more
- Implemented secure user authentication and profile management using Clerk to support free and premium user tiers
- Designed a responsive React + Tailwind dashboard to help users monitor, edit, and manage their AI-generated content
- Utilized Neon serverless Postgres and Cloudinary for scalable, reliable data storage and efficient cloud-based image handling
- GitHub Repository : <https://github.com/hardiksharmaa/QuickAI>

## CERTIFICATES

- Successfully completed the Cloud Computing Program offered by IIT Kharagpur | [Link](#)
- Generative AI for Everyone - Coursera | [Link](#)
- Project Management - Coursera | [Link](#)

Feb 2025

Dec 2024

Sep 2024

## ACHIEVEMENTS

- Solved 600+ DSA questions on LeetCode with contest rating 1700 ( top 8% ) | [Link](#)
- Secured 2nd position out of 300+ teams in GeeksforGeeks hackathon | [Link](#)
- Among Dean's top 10% students at university

Present

Dec 2024

Present

## EDUCATION

- Lovely Professional University  
B. Tech in Computer Science & Engineering  
Phagwara, Punjab  
Aug 2022 - Present
- Army Public School Kaluchak  
Intermediate (Non-Medical) | CBSE  
Grade - 83%  
Jammu, J&K  
March 2020 - Apr 2021
- Army Public School Kaluchak  
Matriculation (Science) | CBSE  
Grade - 87%  
Jammu, J&K  
Feb 2018 - Apr 2019