

Pulkit Garg

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Education

Chitkara University

2023 – 2027

Bachelor of Engineering (B.E.) in Computer Science and Engineering | CGPA: 9.42

Punjab, India

- Relevant Coursework: Data Structures and Algorithms (DSA), Computer Architecture, Operating Systems, Computer Networks, Application of Databases

Technical Skills

Languages: Java, C/C++, JavaScript, TypeScript, Python, SQL

Frameworks & Libraries: React, Next.js, TanStack Query, Tailwind CSS, Nx Monorepo

Backend & Cloud: Node.js, Express, Redis, MongoDB, AWS, Microsoft Azure

Developer Tools: Docker, Git, Linux/Unix Shell, Playwright (E2E Testing)

Experience

Software Engineering Intern

May 2026 – Present

Bajaj Finserv Health

Pune, India

- Developed a reusable PDF viewer library on pdf.js, adopted across 10+ Vidal Health applications to standardize document rendering and eliminate redundant implementations.
- Engineered a high-performance insurance and claims platform, revamping UI/UX using TypeScript and Next.js within an Nx monorepo architecture.
- Optimized server-state management by integrating TanStack Query, reducing redundant API calls and improving frontend latency.

Full-Stack Developer Intern

Nov 2025 – Feb 2026

InTheBox

Mohali, India

- Built the company's full-stack e-commerce website and online box order booking portal using React.js, Node.js, and MongoDB.
- Integrated RESTful APIs for order management and implemented JWT-based authentication.

Projects

AtomKV (In-memory database) | Java, Maven, Multithreading, TCP Sockets, JUnit

GitHub

- Built a scalable, fault-tolerant and lightweight in-memory key-value database in Java using a custom human-readable text protocol over TCP sockets, supporting concurrent client connections.
- Implemented thread-safe data storage with TTL support using synchronized data structures and worker threads, ensuring correctness under concurrent access and wrote JUnit unit tests to validate.
- Integrated LRU eviction and append-only file (AOF) persistence, enabling crash-safe recovery with 100% data durability on restart.

Evalio - Exam Preparation Platform | JavaScript, Next.js, Node.js, MongoDB, Redis

Live Demo | GitHub Repo

- Built a full-stack exam preparation platform serving 100+ active users, featuring curriculum-based question banks and timed tests.
- Implemented server-side session tracking with Redis to persist test progress, auto-summarize expired attempts, and support both Practice and Revision modes with real-time feedback.

Achievements and Leadership

- LeetCode Knight (Peak Rating: 1859); Codeforces Max Rating: 1032
- Runner Up at **Salesforce Crosswalk** 2025 National level Hackathon
- Top 3% (Dean's List), Chitkara University for my academic excellence.
- Top 5 finalist (200+ team), Hackspire Hackathon for building an AI-powered SEO analysis platform.
- Contributed to 3+ open-source initiatives, including Hacktoberfest and GirlScript Summer of Code.
- Mentor, Open Source Chandigarh - Mentored students and organized events impacting 2400+ learners.

Certifications

- CS50x - Introduction to Computer Science, Harvard University
- GitHub Foundations - GitHub
- AWS Fundamentals - Amazon

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