

Gursirat Singh

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SKILLS

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

Web Development / Frameworks: React.js, Next.js, Node.js, Express, Tailwind CSS, Bootstrap, REST APIs, JWT Authentication

Tools/Platforms: MongoDB, MySQL, Version Control (Git), GitHub, VS Code, Vercel/v0

Soft Skills: Strategic Troubleshooter, Process-Oriented, Performance-Driven, Collaborative Leader

INTERNSHIP

Hexaind Technologies — Full Stack Intern | [Certificate](#)

Jun 2025 - Jul 2025

- Built a full-stack reminder and e-card automation system delivering 95%+ successful dispatch rates across email and SMS pipelines.
- Revamped the React UI by reducing unnecessary re-renders and tightening state transitions, improving interface responsiveness by 30 to 35%.
- Optimized backend throughput by restructuring MongoDB schemas, adding targeted indexes, refining Express routes and cutting query times by 40%.
- Implemented cron-based automated reminders capable of sustaining 2x peak traffic without performance dips.
- Collaborated with product and QA teams to release weekly iterations with less than 2% regression incidents, maintaining consistent deployment quality.

Tech-Used: React, Node.js, Express, MongoDB, Nodemailer, SMS API, Axios, JavaScript

PROJECTS

INNO PULSE (INDIAN STARTUPS DASHBOARD) | [GitHub](#)

Oct 2025 - Present

- Designed and developed a modern, responsive web platform to aggregate and analyze startup data, enabling users to explore verified startups through a structured interface.
- Built using Next.js, React, and MongoDB, applying a component-based architecture and modular backend design to improve scalability and long-term maintainability.
- Engineered an admin-driven approval and verification workflow, preventing unverified entries from public access and improving data reliability by 100%.
- Implemented real-time search, filters, and dashboard views, reducing startup discovery and review time by 35–40%, while enhancing overall user experience.

Tech-Used: React, Routers, Axios, Node.js, Express, MongoDB, Mongoose, JavaScript

SiraStay (Room Booking Platform) | [GitHub](#) | [Website](#)

Jan 2025 - Apr 2025

- Engineered a full-stack startup management workflow handling verified listings, approval states, role-based access and secure sessions, improving data integrity by 30%.
- Deployed the application using cloud-hosted MongoDB and production builds, ensuring ~99.9% availability and stable handling of 100+ concurrent requests during test loads.
- Optimized database queries and API response paths in Express–Mongoose, reducing average data fetch latency by 37%.
- Built a responsive React/Next.js interface with 20+ reusable components, increasing UI reuse and reducing styling overhead by 25%.
- Implemented state-driven dashboards and approval logic, cutting admin review conflicts by 90% and accelerating startup filtering operations by 40%.

Tech-Used: EJS, HTML, CSS, Node.js, Express, MongoDB, Mongoose, JavaScript

TRAINING

Cipher Schools (Data Structures and Algorithms using Java) | [Certificate](#)

Jul 2025

- Covered essential DSA structures including Arrays, Linked Lists, Stacks, Queues, Trees, Heaps, Hashing, and Priority Queues, solving 150+ problems across these domains.
- Applied time-space analysis to refactor solutions, achieving 2 to 3 times faster runtimes in optimized variants.
- Practiced high-impact patterns such as Sliding Window, Binary Search on Answer, Greedy, Two-Pointers, Backtracking and strengthening Algorithmic thinking.
- Used memoization, iterative refactoring, and boundary-case breakdown to cut debugging cycles by 40%.
- Completed extensive problem sets across multiple platforms, improving pattern recognition and solution planning by significant margins.

CERTIFICATES

Cloud Computing | Nptel | [Certificate](#)

Oct 2025

Full Stack Development | Apna College | [Certificate](#)

Feb 2025

Basic Python towards ML/AI | CSE Pathshala | [Certificate](#)

Mar 2024

Responsive Web Design | freeCodeCamp | [Certificate](#)

Dec 2023

ACHIEVEMENTS

- Solved 150+ problems across LeetCode, CodeForces, and CodeChef, developing reliable Strategic thinking depth across core DSA domains.
- Qualified for the Adobe India Hackathon in Development Phase through online MCQ assessment and coding round for shortlisting.
- Cleared Round 1 of Binary Blitz (LPU) by building a functional web prototype under time constraints.
- Strengthened competitive capability in recursion, DP, graphs, and greedy techniques through structured practice.
- Improved contest performance consistency with weekly participation and deliberate post-contest analysis.

EXTRA-CURRICULAR ACTIVITIES

- Attended 15+ MERN workshops and full-stack sessions at LPU, gaining hands-on experience with modern JavaScript workflows.
- Participated in 10+ technical talks on cloud computing, debugging, and scalable backend design.
- Joined 5+ hackathon prep meets and coding clubs, improving collaborative Troubleshooting and rapid prototyping.
- Completed 20–25 problems/month through peer coding groups, improving contest readiness and consistency.

EDUCATION

Lovely Professional University

Phagwara, Punjab

Bachelor of Technology

Since Aug 2023

Computer Science and Engineering; CGPA: 7.72

Swami Sant Dass Public School

Jalandhar, Punjab

Intermediate

Mar 2022 – May 2023

PCM; Percentage: 83%

Swami Sant Dass Public School

Jalandhar, Punjab

Matriculation

Mar 2020 – May 2021

Percentage: 70%