

# 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

INNOPULSE (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

<b>Cipher Schools</b> (Data Structures and Algorithms using Java)   <a href="#">Certificate</a>	Jul 2025
<ul style="list-style-type: none"><li>Covered essential DSA structures including Arrays, Linked Lists, Stacks, Queues, Trees, Heaps, Hashing, and Priority Queues, solving 150+ problems across these domains.</li><li>Applied time–space analysis to refactor solutions, achieving 2 to 3 times faster runtimes in optimized variants.</li><li>Practiced high-impact patterns such as Sliding Window, Binary Search on Answer, Greedy, Two-Pointers, Backtracking and strengthening Algorithmic thinking.</li><li>Used memoization, iterative refactoring, and boundary-case breakdown to cut debugging cycles by 40%.</li><li>Completed extensive problem sets across multiple platforms, improving pattern recognition and solution planning by significant margins.</li></ul>	

CERTIFICATES

Cloud Computing   Nptel   <a href="#">Certificate</a>	Oct 2025
Full Stack Development   Apna College   <a href="#">Certificate</a>	Feb 2025
Basic Python towards ML/AI   CSE Pathshala   <a href="#">Certificate</a>	Mar 2024
Responsive Web Design   freeCodeCamp   <a href="#">Certificate</a>	Dec 2023

ACHIEVEMENTS

<ul style="list-style-type: none"><li>Solved 150+ problems across LeetCode, CodeForces, and CodeChef, developing reliable Strategic thinking depth across core DSA domains.</li><li>Qualified for the Adobe India Hackathon in Development Phase through online MCQ assessment and coding round for shortlisting.</li><li>Cleared Round 1 of Binary Blitz (LPU) by building a functional web prototype under time constraints.</li><li>Strengthened competitive capability in recursion, DP, graphs, and greedy techniques through structured practice.</li><li>Improved contest performance consistency with weekly participation and deliberate post-contest analysis.</li></ul>	
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EXTRA-CURRICULAR ACTIVITIES

<ul style="list-style-type: none"><li>Attended 15+ MERN workshops and full-stack sessions at LPU, gaining hands-on experience with modern JavaScript workflows.</li><li>Participated in 10+ technical talks on cloud computing, debugging, and scalable backend design.</li><li>Joined 5+ hackathon prep meets and coding clubs, improving collaborative Troubleshooting and rapid prototyping.</li><li>Completed 20–25 problems/month through peer coding groups, improving contest readiness and consistency.</li></ul>	
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EDUCATION

<b>Lovely Professional University</b>	Phagwara, Punjab
Bachelor of Technology	Since Aug 2023
Computer Science and Engineering; CGPA: 7.72	
<b>Swami Sant Dass Public School</b>	Jalandhar, Punjab
Intermediate	Mar 2022 – May 2023
PCM; Percentage: 83%	
<b>Swami Sant Dass Public School</b>	Jalandhar, Punjab
Matriculation	Mar 2020 – May 2021
Percentage: 70%	