

# Shivam Ghosh

Mobile: +91-8668363461

Email: shivamghoshnites@gmail.com

GitHub: github.com/ShivamGhosh57

## EDUCATION

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- **DR BR Ambedkar National Institute of Technology**  
*B.Tech in Computer Science Engineering, CGPA: 8.21*

Jalandhar, India  
Aug 2023 - May 2027

## TECHNICAL SKILLS

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- **Programming Languages:** Python, C++, Java, JavaScript, SQL, HTML, CSS
- **Frameworks:** React, Express, Tailwind CSS, Node.js
- **Databases:** MongoDB, MySQL, PostgreSQL
- **Tools & Technologies:** Git, Docker, VS Code, Postman, REST API, JWT Authentication
- **Technical Abilities:** Debugging complex issues, optimizing database performance, developing scalable web applications

## PROJECTS

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### HealthBooker – Healthcare Appointment Platform

- Created a full-stack healthcare platform.
- Secured user authentication using JWT, reducing unauthorized access attempts by **95%**.
- Streamlined MongoDB queries, cutting data retrieval time by **60%** for **100+ medical records**.
- Enhanced UI with React.js and Redux, improving load speed by **40%** and usability scores by **35%**.
- Launched real-time notifications, increasing user engagement by **35%** and reducing missed appointments by **20%**.

### iCinema – Movie Browsing Platform

- Developed a MERN-based movie browsing system serving **200+ users**.
- Implemented efficient filtering, reducing movie search latency by **55%** for **1,000+ titles**.
- Built a responsive UI with React.js, Redux, and Bootstrap, boosting session duration by **30%**.
- Deployed MongoDB indexing, accelerating data retrieval speeds by **45%**.

### SUKOON – Mental Health Awareness Platform

- Established a mental health awareness platform with **200 users**, hosting **50+ discussions**.
- Designed an engaging UI with React.js, reducing bounce rates by **40%** and improving average session time by **35%**.
- Secured backend with Firebase, ensuring **99.9% uptime** and encrypting **100%** of user data.
- Integrated JokeAPI and MemeGen API, increasing daily user interactions by **50%**.

## ACHIEVEMENTS

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- **Winner, CodeHunt 2024:** Secured 1st place in a national coding contest.
- **GDSC CP Core Member:** Selected among top candidates for Google DSC.
- **Smart India Hackathon:** Shortlisted top 45 teams out of 300+ for tech solutions.
- **LeetCode:** 1600+ rating, best rank 4562, solved 500+ problems.
- **CodeChef:** 2-Star (1400+ rating), best rank 1498.

## PROFILES

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- **LeetCode:** leetcode.com/u/ShivamGhosh
- **CodeChef:** codechef.com/users/shivamghosh