Shivam Ghosh

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EDUCATION

- **DR BR Ambedkar National Institute of Technology** — Jalandhar, India
  B.Tech in Computer Science Engineering, CGPA: 8.21 — *Aug 2023 - May 2027*

TECHNICAL SKILLS

- **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

HealthBooker – Healthcare Appointment Platform
- Created a full-stack healthcare platform.
- Secured user authentication with JWT, significantly reducing unauthorized access.
- 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 and reducing missed appointments

iCinema – Movie Browsing Platform
- Built a MERN-based movie browsing system with an intuitive interface.
- 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 supporting interactive 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 high uptime and data encryption.
- Integrated JokeAPI and MemeGen API, increasing daily user interactions .

ACHIEVEMENTS

- **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

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