RAUNEET SINGH

New Delhi, India

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Education

VIT University   September 2022 – May 2026
Bachelor of Technology in Computer Science and Engineering

Technical Skills

Programming Languages: Python, C/C++, JavaScript, SQL, HTML, CSS
Frameworks & Libraries: React.js, Node.js, Express.js, Flask, FastAPI, NumPy
Databases & Cloud: MongoDB, MySQL, GCP, AWS, RESTful APIs
Visualization & BI Tools: Tableau, Power BI, Excel, Google Analytics

Projects

VeloRent - Car Rental Platform | *React.js, Node.js, MongoDB, Stripe API*   May 2025 - Jul 2025
- Engineered full-stack car rental platform serving 30+ users with JWT authentication, real-time booking system, and Stripe payment integration.
- Built responsive React frontend with Redux state management, accelerating booking process by 60% for active users.
- Deployed Node.js backend with secure MongoDB database, processing 50+ daily transactions with 99.8% success rate.
- Implemented automated email notifications and SMS alerts using Nodemailer and Twilio API, improving user engagement by 25%.

Personal Expense Tracker | *React.js, MongoDB, Node.js, Chart.js*   Mar 2025 - May 2025
- Developed full-stack expense management application handling 100+ expense entries with JWT authentication and real-time wallet updates.
- Created responsive React dashboard with CRUD operations, enabling users to track expenses across 15+ categories with 95% data accuracy.
- Configured secure MongoDB database with role-based access control, supporting 50+ concurrent users through RESTful API.
- Implemented interactive data visualization using Chart.js to display spending patterns and monthly trends, improving user financial insights by 40%.

TypeRush - Multiplayer Typing Game | *React.js, Socket.io, Express.js, MongoDB*   Oct 2024 - Jan 2025
- Launched real-time multiplayer typing platform supporting 100+ concurrent users with 5 game modes and competitive racing features.
- Implemented Socket.io for real-time communication, achieving sub-50ms latency with live leaderboards and chat functionality.
- Analyzed comprehensive typing analytics, tracking 30+ WPM speed improvements for 80% of users over 4-week challenges.
- Designed responsive game interface with live progress visualization and animated typing effects, resulting in 85% user retention rate across sessions.

Achievements

Certifications: Oracle MySQL Implementation Associate, HackerRank Python(Basic), HackerRank MySQL (Intermediate), MongoDB Node.js Developer Path for Smartbridge
Programming: Solved 150+ DSA problems on LeetCode
Leadership: Led a team of 5 members in EPICS (Engineering Projects in Community Service) project, delivering impactful community solutions
Chess: Achieved 1000+ rating on Chess.com, participated in multiple online chess competitions

Extracurricular Activities

Event Organizer - Badminton Coordinator Annual Sports Fest AdVITya, managed 50+ participants (2024,2025)
Core Member - Open Source Club, contributed to open-source projects and organized tech workshops (2023-2025)
Volunteer - NSS (National Service Scheme), participated in community service initiatives (2023-2024)
Interests: Defense Services, Competitive Chess, Outdoor Sports, Technical Writing, Music, Photography