PINAK GUPTA

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EDUCATION

Dr. B R Ambedkar National Institute of Technology, Jalandhar (NIT Jalandhar)   Nov 2022 - June 2026
Bachelor of Technology in Computer Science and Engineering   **CGPA: 9.01**

Dayanand Model Sr. Sec. School, Jalandhar
CBSE XII: 92.2%   CBSE X: 91.8%

SKILLS

Languages: C/C++, **Python**, **Java**, HTML, CSS, **JavaScript**, **SQL**
Technologies: MongoDB, Express.js, React.js, Node.js, Tailwind CSS
Courses: **Data Structures and Algorithms (DSA), Object-Oriented Programming (OOPS), Database Management Systems (DBMS)**, Machine Learning, **Computer Networks (CN), Operating System (OS)**

PROJECTS

EstateEase — *MongoDB, Express.js, Node.js, React, Tailwind CSS*   ⌂ [GitHub](#)
- Developed a MERN stack real estate platform with **10+ search filters** for property attributes like room count and price range, reducing search time by **40%** and improving match accuracy for buyers.
- Implemented **Firebase authentication** with **98%** login success rate and built a secure messaging system enabling direct communication between buyers and property owners, reducing transaction time by **30%**.
- Created a responsive UI with **Tailwind CSS** featuring real-time property updates and notifications for status changes and price adjustments, increasing user engagement metrics by **45%**.

QuickBite — *MongoDB, Express.js, Node.js, React, Stripe, Tailwind CSS*   ⌂ [GitHub](#)
- Built a food delivery platform using MERN stack with location-based search by city and cuisine type, enabling restaurant digital presence management and improving restaurant discovery by **70%**.
- Integrated **Auth0 authentication** with **99.9%** uptime and **Stripe payment processing** supporting multiple secure payment methods while maintaining PCI compliance and streamlining checkout flow.
- Developed a real-time order tracking system allowing restaurants to update order status from preparation to delivery, reducing customer support inquiries by **35%** through automated notifications.

Chat-App — *MongoDB, Express.js, Node.js, React, Socket.io, Zustand*   ⌂ [GitHub](#)
- Engineered a real-time messaging application with **Socket.io** achieving **100ms** message delivery time, incorporating **JWT authentication** for security and enabling features like live typing indicators and online status.
- Utilized **Zustand** for efficient state management paired with **TailwindCSS** and **Daisy UI**, reducing development complexity by **40%** while ensuring consistent responsiveness across devices.

ACHIEVEMENTS

- Earned the prestigious **Knight** badge on [LeetCode](#) ⬈ with a peak rating of **2000**, successfully solving **850+** advanced algorithmic problems. Consistently demonstrated exceptional problem-solving skills by securing a top rank of **1050** among **35K+** participants in LeetCode Weekly Contest **401**.
- **4-Star** programmer on [CodeChef](#) ⬈ with a maximum rating of **1847**. Achieved a remarkable rank of **85** in Starters **171** (Division 2), demonstrating consistent and advanced problem-solving capabilities.
- Attained **Specialist** status on [Codeforces](#) ⬈ with a peak rating of **1553**. Ranked **1192** in Codeforces Round **1002** (Div. 2), showcasing algorithmic proficiency and speed.

EXTRA-CURRICULAR ACTIVITIES

Core Team Member, Competitive Programming   Oct 2023 - Present
Google Developer Groups
- Enhanced expertise in **Data Structures and Algorithms (DSA)** through **competitive programming**, significantly honing problem-solving skills and contributing to community growth.