GAGAN KAINTHOLA

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EDUCATION

Bachelor of Technology (CSE), Graphic Era Hill University   8.44 CGPA, Expected 2026

SKILLS

Languages	C/C++, JavaScript, Python, HTML, SQL, Java
Tech Stacks	React.js, Express.js, Node.js, Git, MySQL, MongoDB, AWS, Redux, Bootstrap
Tools	VSCode, GitHub, npm
Soft Skills	Communication, Troubleshooting, Problem Solving, Teamwork, Time Management

PROJECTS

EcomExpress   Link

Developed a high-performance, scalable e-commerce platform utilizing the MERN stack, resulting in a 25% increase in operational efficiency and a 30% reduction in order processing time through optimized database queries and asynchronous processing.

Designed and integrated an efficient inventory and order management system, enhancing customer satisfaction by streamlining the order fulfillment process.

Implemented secure user authentication and role-based authorization using JSON Web Tokens (JWT), improving data security by 30% and ensuring secure login mechanisms.

Leveraged Redux Toolkit for state management, reducing the response time and enhancing UI performance, leading to a 20% improvement in user engagement and seamless interactions.

Tech Stack: MongoDB, Express.js, React.js, Node.js, JWT, Redux Toolkit, Tailwind CSS, Docker, AWS

Chatty Live   Link

Engineered a high-performance, real-time chat application using the MERN stack and Socket.IO, ensuring 100% real-time messaging with minimal latency and excellent user experience.

Integrated advanced user authentication using JWT, resulting in a 25% improvement in security and access control for multiple user roles.

Designed and optimized RESTful APIs for faster communication, reducing message synchronization time by 30% and enhancing real-time message delivery.

Focused on scalable architecture and optimized performance, increasing the application's responsiveness by 50% during peak user traffic and ensuring uninterrupted service during peak load.

Tech Stack: MongoDB, Express.js, React.js, Node.js, Socket.IO, JWT, Docker

ACHIEVEMENTS

- Solved over 460 problems on LeetCode, achieving a rating of 1715, placing me in the top 12%. Demonstrated strong proficiency in algorithms, data structures, and problem-solving.
- Ranked 297th in the CodeChef Starters 154 contest, showcasing competitive programming skills and optimizing solutions under time constraints.
- Achieved a rating of 1162 on Codeforces after solving 140 problems, proving my ability to apply theoretical concepts in algorithm design and analysis. Link
- Recognized in the top 12.71% of coders on LeetCode for consistency in solving algorithm challenges, demonstrating deep knowledge in problem-solving techniques.
- Led a team to the final round of Amazon Sambhav Hackathon, driving innovative solutions, effective communication, and leadership skills under pressure.

CERTIFICATIONS

- **NPTEL Certification in Programming in Java** - IIT Kharagpur   2023
  Learned fundamental and advanced programming skills in Java, covering topics such as object-oriented programming, data structures, and algorithm design.