Lokesh Dhariyal

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Education

DIT University   2022 - 2026 (expected)
Bachelor of Technology in Computer Science   *Dehradun, Uttarakhand*

Projects

Staticgram/ *MERN stack, Tailwind*
- Developed a 100% responsive social media platform with 5+ core features, including dynamic post sharing and follow/unfollow.
- Implemented real-time UI updates, improving user engagement by 20% during initial testing.
- Resolved 95% of user-reported bugs within the first 7 days of deployment, improving app stability and user satisfaction.

Batuni / *MERN stack, Web Socket, Tailwind*
- Engineered real-time chat and presence indicators using WebSockets and Express.js, supporting 24/7 active communication.
- Enabled instant contact availability updates, which increased real-time interactivity by 25%.
- Improved user engagement by 25% and decreased response latency by 40ms via socket-level optimizations.

TaskTrackr / *React, Tailwind Css*
- Built a to-do list app with 100% mobile responsiveness, enabling real-time CRUD operations across 4 task filters.
- Leveraged React Context API to cut unnecessary re-renders by 35%, optimizing performance in 90% of user workflows.
- Reduced DOM re-renders by 35% through optimized rendering strategies.

MemoryMatch / *Javascript, Html, CSS*
- Designed a card-matching game using HTML5, CSS3, and modern ES6+ JavaScript.
- Optimized memory load times by 30%, enhancing performance and focus retention.

Technical Skills

Languages: JavaScript, TypeScript, C++, Java.
Frontend: React.js, Context, Redux, NextJs, Tailwind.
Backend: Node.js, ExpressJs, NextJs.
Database: MongoDB, SQL.
Developer Tools: Git, GitHub, Postman.

Certifications

Entrepreneurship: Launching an Innovative Business (Coursera (offered by University of Maryland) – June 2025): Mastered frameworks for idea validation, lean startup, and business model development.Created a real-world business plan and go-to-market strategy for a tech-based startup.

Introduction to Relational Databases (RDBMS) (Coursera – June 2025) : Acquired practical skills in relational schema design, data normalization, and SQL querying.Implemented complex queries involving joins, filters, and aggregations using real-world datasets.

Experience

Member, Microsoft Student Community x DIT (March 2024 - Present) :
- Contributed to planning and execution of technical events, coding workshops, and knowledge-sharing sessions.
- Collaborated with cross-functional student teams to enhance campus tech engagement and community participation.
- Partnered with multidisciplinary student teams to drive campus-wide tech engagement.