

# Daksh Khetan

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## EDUCATION

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**The University of Texas at Dallas**, Richardson, TX

*Master of Science (MS) in Computer Science; GPA: 3.87/4.00 | Aug 2022 – May 2024*

*Courses: Database Design, Analysis of Algorithms, Software Testing, Machine Learning, Big Data Management, NLP*

**Guru Gobind Singh Indraprastha University**, New Delhi, India

*Bachelor of Technology in Information Technology; GPA: 9.06/10.00 | Aug 2018 – July 2022*

## SKILLS

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**Core:** JavaScript, TypeScript, Rust, Python, Java, C++, Shell Scripting

**Web Development:** React, Node.js, Express, Next.js, Redux, Remix, jQuery, Vue, HTML, CSS, SASS, Tailwind, REST API, Git, Socket.io, Webpack, Vite

**Databases:** MySQL, PostgreSQL, MongoDB, Redis

**Cloud & Analytics:** Firebase, Docker, Cloud Foundry, CI/CD, PySpark, Hadoop, NumPy, Pandas, Scikit-learn

## EXPERIENCE

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**Lumel Technologies**, Plano, TX

*Senior Computer Research Engineer | Jan 2026 – Present*

- Engineered high-performance Rust components for Microsoft first-party products, ensuring memory safety and system robustness for enterprise-level deployments.
- Architected an end-to-end type-safe web client SDK for the WASM Rust project, implementing a schema-driven system for multi-language client generation.

*Software Engineer | Jul 2024 – Dec 2025*

- Developed a custom Microsoft Fabric Workload using React and TypeScript, enhancing data sourcing flexibility for large-scale enterprise analytics.
- Built a shared modular, accessible React UI component library, reducing development time by 50% while maintaining compliance with strict design system guidelines.
- Engineered a custom data grid using HTML5 Canvas rendering, reducing browser memory usage by 40% and optimizing UI performance for massive datasets.

**Intel Corporation**, Hillsboro, OR (Remote)

*Full Stack Software Engineer Intern | Jul 2023 – May 2024*

- Developed a data-driven R&D dashboard using Express and React, enabling real-time visualization of critical research metrics for internal engineering teams.
- Optimized frontend performance by refactoring the codebase for scalability, resulting in a 27% reduction in production build bundle size.
- Automated cross-environment deployments via Cloud Foundry CLI and implemented SSO integration and role-based access control using Active Directory, enhancing security.

**GainTime**, Palo Alto, CA (Remote)

*Software Engineer Intern, Frontend | Apr 2021 – Aug 2021*

- Designed a high-performance meeting platform using React and Redux, focusing on state management and real-time collaboration features.
- Implemented interactive analytics dashboards that decreased meeting productivity loss by an estimated 15% through data-driven insights.
- Leveraged Docker and Google Cloud Platform (GCP) to containerize and deploy web applications, ensuring consistent environments across the lifecycle.

## PROJECTS

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**FairSplit | React, Next.js, Gemini AI, Serverless Functions**

- Built an AI-powered bill-splitting web app (React, Next.js) that extracts and itemizes receipt data from images and generates shareable session links for real-time expense collaboration, eliminating manual calculations and reducing friction in group payments.