

KSHITIJ SINGH

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leetcode.com/u/1kshiti | portfolio/kshiti

Education

Bachelor of Technology in Computer Science and Engineering (AI & ML) Nov 2022 - Present
School of Information Technology, Rajiv Gandhi Proudhyogiki Vishwavidyalaya (RGPV) CGPA: 8.19

Higher Secondary Education - Science (Mathematics) Mar 2021 - Apr 2022
B.B.S. Memorial Higher Senior Secondary School Percentage: 87%

Technical Skills

Languages: C++, JavaScript (ES6+), TypeScript, Python, SQL
Frontend Technologies: React.js, Next.js, HTML5, CSS3, Tailwind CSS, Redux Toolkit
Backend Technologies: Node.js, Express.js, REST API Design
Databases: PostgreSQL, MongoDB, Mongoose
Cloud & Tools: Azure, Git, GitHub, Postman, VS Code, Antigravity, Figma

Experience

Forescribe Nov. 2025 - Dec. 2025
Frontend Developer Intern Next.js, TypeScript, Tailwind CSS

- Enhanced enterprise spend visibility by shipping 12 standardized interface modules used for financial reporting.
- Consolidated fragmented data access by connecting 10 backend services into a single internal reporting surface.
- Shortened release cycles by 20% through restructuring 7 overlapping user workflows across teams.
- Increased pre-release stability by closing 9 UI defects identified during structured validation passes.

Agile Support Jan. 2023 - Jan. 2024
Web Developer Intern MongoDB, Express.js, React.js, Node.js, Tailwind CSS, Figma

- Scaled delivery throughput by completing 6 independent full-stack applications across isolated deployment pipelines.
- Improved perceived responsiveness by reducing average page load time by 30%.
- Stabilized sprint planning accuracy across 14 delivery cycles through consistent peer review enforcement.
- Protected production reliability by maintaining zero rollback incidents between staging and live environments.

Projects

Brainwave AI - AI Interview Simulator | [GitHub](#) | MERN, Vapi, Gemini

- Reduced interview preparation effort by 50% by delivering a configurable simulation system spanning multiple roles and seniority levels.
- Lowered initial interaction latency by 30% by reworking frontend delivery using deferred loading techniques.
- Standardized evaluation consistency by generating structured feedback for every interview session through voice-driven AI processing.

Neo Finance - AI Finance Manager | [GitHub](#) | MERN, Gemini, Resend, Inngest, Arcjet

- Minimized manual expense entry by 60% by embedding automated receipt interpretation into core workflows.
- Increased financial visibility by generating budget alerts and summaries on a monthly reporting cadence.
- Maintained ledger correctness by enforcing transactional guarantees during concurrent update scenarios.

Smart AI Summarizer - Chrome Extension | [GitHub](#) | React.js, Python, Flask, Groq API

- Cut content review time by 50% by enabling on-demand summarization directly within the browser.
- Expanded accessibility reach by supporting text export and speech playback across all summarized pages.
- Controlled client resource usage by processing multi-page inputs within browser memory limits.

Extracurricular Activities & Skills Showcase

- Solved 200+ data structure and algorithm exercises with consistent solution correctness.
- Decreased development rework frequency by applying AI-assisted debugging and design validation in daily workflows.