

Sandeepan Nandi

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SUMMARY

Full-stack software engineer with 3+ years of experience building AI-powered products in React, Next.js, TypeScript, and Python. Shipped a video editor, a Photoshop AI plugin, and a Retrieval-Augmented Generation (RAG) application. Founder of Ore AI, a brand asset generation SaaS.

EXPERIENCE

Software Engineer, Sequencer Media

San Francisco, California (Remote) | Jan 2026 – Present

- Built a video editor from scratch in Next.js and TypeScript, solving video editing and rendering issues and reducing rendering time by 60%.
- Built a Photoshop plugin for AI image editing that bridges image generation and editing workflows.
- Improved website performance, reducing load time by 50%.
- Built responsive user interfaces using Next.js and TypeScript.

iOS Developer, Lumination AI

London, United Kingdom (Remote) | Jul 2024 – Dec 2025

- Built TchatGPT, a complete iOS Retrieval-Augmented Generation (RAG) application integrating document search with AI-powered responses.
- Implemented AI-driven features to improve user experience and engagement.
- Collaborated with the design team to implement clean, intuitive UI components.
- Optimized app performance and fixed critical bugs across multiple releases.

Frontend Developer, Outlier AI

Oakland, California (Remote) | Dec 2023 – Jul 2024

- Built responsive UIs in React and TypeScript and optimized frontend performance, reducing load times by 40%.
- Solved state management challenges in React and TypeScript codebases.
- Integrated AI-powered functionality into the product to improve user engagement.

PROJECTS

Ore AI (Founder) | itsore.com

- Brand OS for businesses and marketing tool for generating on-brand images and videos.
- Live product built and shipped solo end-to-end, from generation pipeline to production deployment.
- Tech: Next.js, TypeScript, RAG

Cipher (AI Security CLI) | github.com/sandeepannandi/Cipher

- AI security engineer that indexes your codebase, finds vulnerabilities, and auto-fixes them from the terminal.
- 402 automated tests; scans 20+ OWASP patterns and 25+ credential leak patterns across 30+ languages.
- Tech: Rust, Node.js, TypeScript

Qlearo (AI Search Engine) | github.com/sandeepannandi/Qlearo

- AI search engine that researches any topic, with a Privacy mode plus Social and Extreme search.
- Integrates 9 AI providers and 3 search backends behind a generative UI.
- Tech: TypeScript, React.js, SQL

Peer (Cross-Repo Code Review Bot) | github.com/sandeepannandi/Peer

- GitHub bot that reviews pull requests using context pulled from every repo in the org, catching broken API contracts, duplicated logic, and org-pattern violations a single-repo review would miss.
- Backed by 95 automated tests across 22 suites; runs entirely on Claude Code, no direct API key.
- Tech: TypeScript, Node.js, SQLite, Claude Code

EDUCATION

B.Tech in Computer Science, KIIT University

Apr 2024 – Present (Expected 2028) | GPA: 3.8/4.0

- Coursework: Computer Vision, Software Engineering, Development

High School, Delhi Public School

Apr 2008 – Apr 2024 | GPA: 3.9/4.0

- Subjects: Physics, Maths, Chemistry, Computer Science

SKILLS

Languages: TypeScript, JavaScript, Python, Rust, Java, C, SQL

Frontend and Mobile: React.js, Next.js, React Native, Swift, Kotlin

Backend and Databases: Node.js, Express.js, PostgreSQL, Redis

AI/ML: Retrieval-Augmented Generation (RAG), Machine Learning, Computer Vision

Cloud and DevOps: AWS, Google Cloud, Docker, CI/CD, Git