

VIJAY KHOT

CS GRAD — BACKEND-FOCUSED FULL STACK DEV — 430+ LEETCODE (TOP 1.3%)

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Portfolio: vijaykhot-dev.vercel.app github.com/vijaybkhhot leetcode.com/u/vijay_khot

SUMMARY

CS grad with a 3.97 GPA and a strong foundation in scalable backend development and algorithms. Built and deployed production-ready full-stack apps using Node.js, GraphQL, Stripe, and Next.js. Solved 430+ LeetCode problems (top 1.3% globally). Actively seeking new grad Software Engineer roles with a backend focus.

EDUCATION

Stevens Institute of Technology, Hoboken, NJ

M.S. in Computer Science • GPA: 3.97 • Provost Scholar

Graduated: May 2025

SKILLS

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

Full-stack: React, Next.js, Node.js, Express, MongoDB, GraphQL, Supabase, PostgreSQL

Infra & Tools: AWS (EC2, S3), Docker, CI/CD, GitHub Actions, Redis, Stripe API, Jest, Postman, Vercel, Render

Software Design: Object-Oriented Design, REST APIs, MVC Architecture, Unit & Integration Testing

PROJECTS

eVoltzo – *An EV station booking platform for drivers and providers*

Jan 2025 – May 2025

Tech: React, Node.js, MongoDB, Stripe, Docker, AWS, Firebase Auth

- Developed in a 5-person team; led backend system architecture and implementation for 25+ active users.
- Built conflict-aware slot booking, role-based dashboards, and a dynamic pricing engine.
- Integrated Stripe Checkout + Webhooks to support saved payments and session billing with 100% uptime.

GitHub: github.com/gvaswani98/cs-554-final-project

Demo: youtube.com/watch?v=p43tNK85-wU

NexTune – *Full-stack music metadata app for artist and album discovery*

Apr 2025 – Present

Tech: Next.js, TypeScript, GraphQL, Apollo, Redis

- Designed and built the full stack; implemented GraphQL backend with Redis caching and SSR hydration.
- Improved initial page load times by 40% using optimized server rendering and data hydration.
- Implemented Apollo client-side caching, search filters, and multi-model CRUD using GraphQL Codegen.

GitHub: github.com/vijaybkhhot/NexTune

Live: nex-tune.vercel.app

Better Food Logs – *A calorie tracking app for fast logging and syncing*

May 2025 – Jun 2025

Tech: Next.js, Supabase, PostgreSQL

- Built core syncing logic across Supabase, localStorage, and PostgreSQL with less than 100ms write latency.
- Integrated Supabase auth and storage, and deployed fully on Vercel within two weeks.

GitHub: github.com/Bediruna/hackathon-better-food-logs

Live: betterfoodlogs.com/

EXPERIENCE

Graduate Student Tutor, Stevens Institute of Technology

Oct 2024 – May 2025

- Mentored 5 students in Algorithms and Web Programming; supported debugging, project design, and test prep.

Project Engineer, Ichalkaranji Municipal Corp.

May 2017 – Jun 2023

- Managed 6 large-scale housing projects with 600+ beneficiaries; tracked funds using NumPy, Excel & Pandas.

CERTIFICATIONS & AWARDS

Machine Learning Specialization, Stanford University – Coursera

96th percentile, GMAT (Quant & Verbal)