

VIJAY KHOT

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Portfolio: vijaykhot-dev.vercel.app

EDUCATION

Stevens Institute of Technology

M.S. in Computer Science • GPA: 3.97

Hoboken, NJ

Sept 2023 – May 2025

SKILLS

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

Frontend: React • Next.js

Backend: Node.js • Express • MongoDB • GraphQL • Supabase • Firebase Auth • Redis

Deployment: AWS • Docker • Render.com

Tools & CI/CD: Git • GitHub • GitHub Actions • Stripe API

Coding Practice: Solved 400+ LeetCode style problems across DSA topics demonstrating strong algorithmic thinking and problem-solving skills.

Project Management: Agile • Scrum • Kanban

PROJECTS

eVoltzo – React, Node.js, MongoDB, Stripe, Docker, AWS

Jan 2025 – May 2025

Platform connecting EV owners with underused charging stations via real-time booking and geolocation.

Contribution: Built backend with Mongoose models, booking logic, and dashboards for booking, provider, admin. Implemented Stripe integration using Checkout, Payment Intents, saved payment methods, and webhooks.

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

Demo Video: youtube.com/embed/p43tNK85-wU

NexTune — Next.js, TypeScript, GraphQL, Apollo, Redis

Apr 2025 – Present

A fullstack Music metadata app with full CRUD and search for artists, albums, record companies, and songs.

Built solo using React-to-Next.js migration with SSR, Apollo cache hydration, and GraphQL Codegen.

Deployed on Vercel (frontend) and Render (backend).

GitHub: github.com/vijaybkhhot/NexTune

Live Demo: nex-tune.vercel.app

SpaceX Explorer – Next.js, Tailwind CSS, SpaceX API

Apr 2025 – Present

A solo built, statically generated app to explore launches, rockets, and payloads with a connected UI.

Independently built entire app with SSG, dynamic routing, and reusable components. Deployed on vercel.

GitHub: github.com/vijaybkhhot/SpaceX-Explorer

Live Demo: space-x-explorer-beta.vercel.app

Better Food Logs – Next.js, TypeScript, Supabase, PostgreSQL, JSON, Vercel

May 2025 – Jun 2025

Simple and efficient food logging app designed to make calorie tracking frictionless and user-friendly.

Contribution: Integrated Supabase for storage and authentication. Synchronized Supabase storage with local storage and PostgreSQL tables to ensure seamless food log tracking.

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

Live Demo: hackathon-better-food-logs.vercel.app

EXPERIENCE

Graduate Student Tutor, Stevens Institute of Technology

Oct 2024 – May 2025

- Guided students in Algorithms and web programming course work through 1:1 tutoring and mentoring.

Project Engineer, Ichalkaranji Municipal Corporation

May 2017 – Jun 2023

- Led 6 housing projects under Pradhan Mantri Awas Yojana - a Government of India housing scheme, coordinating teams and stakeholders to deliver affordable homes.
- Tracked disbursements using Excel, NumPy, and Pandas; produced reports for over 600 beneficiaries.

CERTIFICATIONS & ACHIEVEMENTS

Machine Learning Specialization, Stanford University – Coursera

Provost Scholarship, Stevens Institute of Technology

96th percentile, GMAT (Quant Verbal)