

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 complete backend – data models, booking logic, Stripe integration, earnings dashboard, web-hooks, and seeding scripts.

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

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

NexTune – Next.js, React, TypeScript, GraphQL, Apollo, Redis

Apr 2025 – Present

Interactive music management app with full CRUD and search features for artists, albums, companies, and songs.

Contribution: Migrating frontend to Next.js with TypeScript for better maintainability. Deployed on Vercel (frontend) and Render (backend). Previously built full React frontend, dynamic modals, and GraphQL integration.

GitHub: github.com/vijaybshot/NexTune

Live Demo: nex-tune.vercel.app

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

Apr 2025 – Present

Statically generated app to explore launches, rockets, and payloads with a connected UI.

Contribution: Independently built entire app with SSG, dynamic routing, and reusable components.

GitHub: github.com/vijaybshot/SpaceX-Explorer

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

Better Food Logs – Next.js, 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 a government 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)