VIJAY KHOT

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PROFILE

Software engineer with a strong foundation in full-stack development and algorithms. Experienced in building scalable web apps using React, Next.js, Node.js, and AWS. Passionate about clean code, backend systems, and solving real-world problems through technology.

EDUCATION

Stevens Institute of Technology   Hoboken, NJ
M.S. in Computer Science • GPA: 3.97   Sept 2023 – May 2025

SKILLS

Languages: Python • JavaScript • TypeScript • Java • C++ • SQL
Frontend: React • Next.js
Backend: Node.js • Express • MongoDB • GraphQL • Firebase Auth • Redis
Deployment: AWS • Docker • Render.com
Tools & CI/CD: Git • GitHub • GitHub Actions • Stripe API
Coding Practice: Solved 300+ LeetCode 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, webhooks, and seeding scripts.
GitHub   Demo Video

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

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   Live Demo

EXPERIENCE

Graduate Student Tutor, Stevens Institute of Technology   Oct 2024 – May 2025
- Guided students in Algorithms and web programming through 1:1 tutoring and group 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)