

# VIJAY KHOT

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## PROFILE

Software engineer with a strong foundation in software engineering, and algorithms. Former civil engineer turned full-stack developer with experience building scalable web apps using React, Next.js, Node.js, and AWS. Passionate about clean code, backend systems, and practical problem-solving.

## 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; strong algorithmic thinking and problem-solving skills.

**Project Management:** Agile • Scrum • Kanban

## PROJECTS

### eVoltzo: EV Charging Station Booking Platform ([Link](#))

- Developed in a team a full-stack app using React, Node.js, and MongoDB; deployed with Docker on AWS.
- Integrated Firebase Auth for user login and Stripe API for secure payments; optimized performance with Redis.

### Campus Pulse: Roommate Finder and Campus Events App ([Link](#))

- Built with React, Node.js, and MongoDB; matched students to events and compatible roommates.
- Applied HCI principles and conducted usability testing, increasing engagement by 63.6%.

### Service Easy: Repair Management System ([Link](#))

- Led backend development with Node.js and Express; built role-based dashboards and responsive UIs.
- Used AJAX and Handlebars.js; deployed on Render.com for public access.

### Sprint-to-Health: Voice Assistant Web App for Senior Health Management ([Link](#))

- Developed a voice-enabled health app using ChatGPT API; HIPAA-compliant encrypted data storage.
- Executed Agile workflows using Jira; implemented CI/CD with GitHub Actions and unit tested using Jest.

## EXPERIENCE

### Graduate Student Tutor, Stevens Institute of Technology

Oct 2024 – May 2025

- Guided students in DSA 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.

## EDUCATION

### Stevens Institute of Technology

M.S. in Computer Science • GPA: 3.97

Hoboken, NJ

Sept 2023 – May 2025

## CERTIFICATIONS & ACHIEVEMENTS

**Machine Learning Specialization**, Stanford University – Coursera

**Provost Scholarship**, Stevens Institute of Technology

**96th percentile**, GMAT (Quant Verbal)