

# Nikhil Goel

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## EDUCATION

**Northeastern University** | Candidate for Bachelor of Science in Computer Science

**Khoury College of Computer Sciences**, Expected: 2024

Sep 2020 - Present

Boston, MA

- GPA: 3.8/4.0 | Dean's List
- Related courses: SICP, Object-Oriented Design, Algorithms and Data, Logic and Computation, Programming in C++, and Database Design

## COMPUTER KNOWLEDGE

**Languages & Frameworks:** Java, Python, React, Redis, JS, Typescript, Tailwind, Go, Scheme, Vue, C++, SwiftUI, Git, SQL

**Tools:** IntelliJ, Sanity, Visual Studio, Android Studio, Eclipse, Linux, Xcode, AWS

## PROJECTS

**Personal Website** | www.ngoel.me | Cleveland, OH

Aug 2023

- Designed and developed a personal website using React, Tailwind CSS, and the Sanity CMS, ultimately deploying it on Vercel.

**Co-Founder** | Fireplace | Boston, MA

Aug 2022 - Present

- Collaborated with a fellow student to **co-found a startup**, integrating Redis and establishing endpoints using a Neo4J database.
- Contributed to the React Native frontend and helped to brainstorm and create app mockups in Figma.
- Participated in a 2-month accelerator program, leading to a successful entry into the school's pitch competition, where the project was presented to an audience of **200+ individuals**.

**Connect Grid** | www.connectgridgame.com | Cleveland, OH

Jul 2023 - Present

- Developed and launched a web application using NextJS and hosted on Vercel, attracting **10K users** within a month.
- Engineered a data integration pipeline by **scraping 20,000+ pages** of sports data and storing it in a PostgreSQL DB on Heroku.
- Deployed **15 iterative features** in a month, while also implementing a flexible user experience with 12 distinct configuration options through Redux store integration.

**Slack Hackathon** | Virtual | Cleveland, OH

Dec - Feb 2022

- Built a slack app using BoltJS that integrates with the Google Docs API to allow easier scheduling of meeting notes in Slack channels.
- Competed in a team of two during a 2 month hackathon and was awarded as **one of 10 finalists**.

## EXPERIENCE

**Project Lead** | Scout | Boston, MA

Aug - Dec 2022

- **Led a team of 2 developers and 3 designers** to design and build a website and brand by implementing AGILE philosophies.
- Coordinating communication between the clients and third party animation teams to build a functional website and dashboard.
- Mentored developers, imparting computer science concepts and fostering a collaborative environment to enhance team skills and optimize project outcomes.

**Software Developer** | Cactivate | Boston, MA

Jan - Jul 2022

- Worked as one of 3 Software Developers at a small startup to redesign the website and the backend logic.
- Utilized the Facebook API to display ad data and added the ability to translate Facebook Ads to the Cactivate platform.
- Debugged the React frontend and **created 10 REST API endpoints** to enhance the website with new features.
- Led the Software Development team through a 2 week sprint by delegating tasks to 2 other developers.

**Teaching Assistant for Fundamentals of Computer Science I** | Northeastern University | Boston, MA

Sep - Dec 2021

- Taught iteration, recursion, abstraction, and other CS concepts in Racket to an in-person lab of 40+ students.
- Reviewed and graded 30 exams and assignments weekly.
- Supported students in understanding course concepts by holding weekly office hours for 5 to 15 students.

**Software Development Intern** | GotBot | Cape Town, South Africa

Jul - Sep 2021

- Aided in producing a RESTful chat bot that builds a cohesive customer service experience across multiple social media platforms.
- Resolved **20 defects and bugs** in the front-end codebase to enhance user experience for companies including Toyota, Nissan, and African Bank.
- Contributed to the software development lifecycle of a 10-person development team that used AGILE principles.

## SKILLS AND INTERESTS

**Skills:** Debate, Public Speaking, Microsoft Office, Spanish, Entrepreneurship

**Interests:** Traveling, Languages, Cleveland Sports, Music, Harry Potter, Breaking Bad, Advent of Code