

SAATVIK NAGPAL

Los Angeles, CA | [GitHub](#) | [Portfolio](#) | 213-995-7380 | saatvikn@usc.edu | <https://www.linkedin.com/in/saatviknagpal/>

EDUCATION

University of Southern California

Los Angeles, CA

Master of Science in Computer Science

January 2024-December 2025

- Relevant Courses - CSCI 571 Web Technologies, CSCI 561 Foundations of AI

Northeastern University

Boston, MA

Master of Science in Computer Software Engineering [Transferred]

September 2023-December 2023

- Relevant Courses - INFO 6205 Program Structures and Algorithms, CSYE 6200 Object Oriented Design

Guru Gobind Singh Indraprastha University, New Delhi

Delhi, India

Bachelor of Technology in Computer Science

August 2019-July 2023

- Relevant Courses - Data Structures, DBMS, Object Oriented Programming, Operating Systems, Computer Networks

TECHNICAL SKILLS

Languages: Java, JavaScript, Python, C, C++, GraphQL, HTML, CSS, TypeScript

Frameworks & Technologies: React.js, Next.js, Express.js, Node.js, Tailwind CSS, Spring, Spring Boot

Database: MongoDB, SQL

Tools: Postman, Git, VSCode, MongoDB Atlas, Figma, Heroku, Vercel, Jira

Core: Data Structures and Algorithms, Object-Oriented Design, DBMS, Agile SDLC, Web Development, Artificial Intelligence

WORK EXPERIENCE

TGH Technologies

Remote

Frontend Developer (Intern)

May 2022-August 2022

- Elevated user engagement by 30% for The Social Town (TST) through implementation of a dynamic user interface leveraging React.js and Redux Toolkit for seamless state management across multiple pages
- Initiated creation of an advanced admin dashboard for a movie stock market application, incorporating Chart.js visualizations, resulting in a substantial 30% surge in user acquisition through improved data analysis capabilities
- Revamped Boring Bots' user interface, leading to a 25% reduction in customer support inquiries and a 20% enhancement in user satisfaction

ACADEMIC PROJECTS

VidLounge

[GitHub](#)

React.js, Tailwind CSS, Node.js, Express.js, MongoDB

- Launched a fullstack video platform, serving 10+ users, driving engagement through interactive features, and enabling user-generated content with a 50MB file limit
- Devised a mobile-responsive UI, cut load times by 30% using Cloudinary for video storage, ensuring an exceptional user experience for a growing user base

Devshowcase

[GitHub](#)

Next.js, MongoDB, Tailwind CSS, Cloudinary

- Led a portfolio crafting web app within a three-person team, incorporating Google Auth and Json Web Tokens for robust user authentication, ensuring secure user profile management and seamless photo uploading
- Designed and developed REST APIs, resulting in a 30% increase in user-generated projects and heightened engagement through features such as liking and commenting on projects

Quotesly

[GitHub](#)

React.js, GraphQL, Node.js, MongoDB

- Designed a user-focused web-based quote management platform, achieving a 20% increase in engagement, and implemented dynamic features for a 30% rise in user-generated content, enhancing overall platform interaction
- Innovated expertise in GraphQL and NodeJS for backend, unlocking efficiency of GraphQL to swiftly retrieve information

ACHIEVEMENTS

- Earned the Grand Finale victory in Smart India Hackathon 2022 as a pivotal member of triumphant "PeakyBlinders" team
- Secured 2nd Runner-Up position in Tally CodeBrewers hackathon, hosted by Tally Solutions on Unstop
- Ranked 34 in the GirlScript Summer of Code program, contributing to over 10+ open source projects
- Achieved recognition with the "Best Use of Postman and API" award at the PsychHack 2022 Hackathon