

Karan Thakkar

thakkar.kara@northeastern.edu | Boston, MA | +1 (857) 869-6060 | [linkedin.com/in/thakkaran](https://www.linkedin.com/in/thakkaran)

Education

Northeastern University, Boston, USA

MS in Software Engineering Systems

September 2023 – Present

Boston, Massachusetts

A.P Shah Institute Of Technology, India

Bachelor of Engineering in Information Technology

August 2017 – December 2021

Thane, India

Work Experience

Prescient Systems Pvt. Ltd

Full Stack Developer | React, Angular, Firebase, NestJS

June 2021 – July 2023

Navi Mumbai, India

- Designed and executed a web-based application for **Ernst & Young**, seamlessly transitioning a Windows application to an **Angular web platform**. The result: **enhanced accessibility, improved user experience**, and a **remarkable 50% reduction in maintenance costs**.
- Built an **Excel File Upload System** that takes Excel files as input, performs **data validations**, and generates JSON objects for server submission, **significantly reducing data entry time by over 50%** while **boosting overall data accuracy** and **efficiency**.
- **Led multiple projects**, incorporating cutting-edge technologies such as **NestJS, Next.js, RabbitMQ**, and more.
- Collaborated closely with clients to comprehend project needs and ensure **on-time project completion**.
- **Mentored and trained 3 new interns** on core business processes; monitored work progress through weekly reporting, to **cut down training and induction time by 2 weeks**.
- Conducted thorough **code reviews** to maintain stringent quality standards.

Prescient Systems Pvt. Ltd

Frontend Developer Intern | Angular, Ant Design, Ngrx

January 2021 – May 2021

Navi Mumbai, India

- **Spearheaded** UI components development and **custom validation utilities**, enriching user experience for a **KPMG** client project resulting in a streamlined and intuitive interface.
- Used **NgRx** to manage state and cache static data, resulting in **fewer API requests**, and **improved data loading efficiency**.
- Implemented critical business logic functionalities including **pagination, filtering, and tax reconciliation**.

Technical Skills

Languages: Typescript, Javascript, Java, HTML/CSS, SASS

Technologies/Frameworks: Angular, React, Next.js, Node.js, NestJS, RabbitMQ, Firebase, Express.js, Redux, Ngrx, Jest, Heroku, AWS, Azure Storage, E2E testing, GitHub

Database: MongoDB, MySQL, PostgreSQL

Projects

YelpCamp | Node.js, MongoDB, Heroku, MapBox

[Github](#) | [Live](#)

- Crafted a **responsive web application** for sharing and showcasing favorite campgrounds with photos, reviews, locations, prices, and descriptions.
- Platform fosters a vibrant community of outdoor enthusiasts by enabling exploration of campgrounds and reviews.
- Additionally, it **secures sessions** in the database, eliminating the need for repeated logins.

Cricket Stats APIs | Express.js, MongoDB, JWT

[Github](#)

- Designed APIs with the capability to perform essential **CRUD operations**.
- Admin only access to some endpoints, authorization using JWT.
- Enables **efficient retrieval** of information about teams, players, sponsors, and scorecards.

Pastel Peeps | React, React-Reveal, MUI, HTML/CSS

[Github](#) | [Live](#)

- Developed a **responsive website** featuring NFTs, Roadmap, FAQ, and team details.

Certifications

- Web Development Bootcamp 2021. [Link](#)

- AWS Fundamentals. [Link](#)