

# GREG TOPSCHER - SOFTWARE ENGINEER

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## SUMMARY

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Full-Stack software engineer proficient in using Javascript for front-end and back-end programming, React, HTML, CSS, API implementing, Node.JS, Express, PostgreSQL, and frameworks like Bootstrap. Artist with design and management experience seeking to apply practiced analytical and technical skills in an entry-level software development position, preferably in a team environment that provides challenges while fostering growth.

## TECHNICAL SKILLS

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**Frontend:** HTML, CSS, JavaScript, React, jQuery

**Backend:** Node.js, Express, RESTful APIs, PostgreSQL

**Tools:** Mocha, Chai, Knex, Git, GitHub, Node Package Manager, Visual Studio Code

## EXPERIENCE

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*Thinkful*

Online

### Software Engineering Program

03/2023 – 09/2023

- Learned industry best practices and software development standards with a focus on Javascript, HTML5, CSS3, React Native, Node.js, PostgreSQL, RESTful API's, algorithms, and data structures.
- Developed and deployed mobile-first applications while learning new languages and frameworks, spending several hours per week collaborating with and learning from senior web developers.
- Produced professional projects from concept to completion including:
  - Restaurant Reservation Application** | [Link](#)
    - Developed a full-stack reservation and table management system, utilizing React Router and Express to build a RESTful API for seamless HTTP requests to a PostgreSQL database.
    - Leveraged Git for version control, ensuring secure management of changes.
    - Technology: React, Node.js, Express, Knex and PostgreSQL.
  - Movie Database Application** | [Link](#)
    - Assembled the back end of a movie website allowing any user to search for their favorite movies.
    - Applied router and controller functions to retrieve a user's specific requests.
    - Technology: Node.js, Express, and Knex. Version control with Git.
  - Study Tool Application** | [Link](#)
    - REST API with middleware functions to allow user to create, read, update and delete study cards.
    - Defined routes and URLs, and used state over multiple components.
    - Technology: JavaScript, React, Express, Knex, HTML and CSS. Progress/Versions tracked with Git.

*Brooklyn Greenway Initiative*

Brooklyn, NY

### Manager, Naval Cemetery Landscape and Greenway Stewardship

3/2019 – 6/2022

- Managed a team of 4 gardeners and authored training materials for gardener development.
- Organized and led bi-weekly stewardship projects for public and corporate groups of 20 - 50 volunteers planting trees, doing maintenance, and restoring key miles of the greenway.
- Seasonally collaborated with artists to strategize and launch public art installations from inception through presentation bringing thousands of first-time visitors to the site.

## EDUCATION

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*Thinkful*

Remote

### Certificate, Software Engineering

09/2023

*College of William and Mary*

Williamsburg, Va

### Bachelors in English

05/2009