

DANIEL BRADLEY

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[LinkedIn](#)

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Queens, NY

SKILLS

React, React Native, Redux, JavaScript, HTML, CSS, Ruby, Ruby on Rails, Mongoose, Node.js, Express.js, SQL, SQLite3, PostgreSQL, MongoDB, Webpack, jQuery, Git, Heroku, Python(Pandas, NumPy, SQLAlchemy, Flask, Sklearn, Matplotlib), MATLAB, Minitab, Maple, RStudio, Tableau, VBA, Excel, GraphQL(Apollo), Prisma, Nextjs, Hooks, Bootstrap, MaterialUI, Atom, AWS.

PROJECTS

EcoPool (React, Redux, Javascript, MongoDB, Node.js, Express.js, Heroku, HTML, CSS) (2021)

[Github](#)

EcoPool is an original MERN stack single-page app where users make events, chat with groups, or optimize travel and destinations.

- Implemented Mapbox Geolocation and Matrix API for geocoding events/users and optimizing routes, respectively.
- Built a unique visual experience where users can see geolocations and chat with friends.
- Coordinated Github's version control system to break up features and effectively collaborate with three other colleagues as modular units while switching between frontend and backend.
- Incorporated Validator.js to validate controller inputs before saving in MongoDB to filter malformed data.

Seed (React, Redux, Ruby on Rails, Javascript, PostgreSQL, Webpack, Heroku, HTML, CSS3) (2021)

[Github](#)

Seed is a Full Stack Kickstarter clone where users can create startups and crowd-source seed funding.

- Implemented secure user authentication using Bcrypt's salting and hashing..
- Employed CSS3 Flexbox for a responsive layout on mobile devices and desktops.
- Utilized mapStateToProps to pass slices of state from the redux store to components to avoid unnecessary AJAX queries while rendering features.

Node Dominance(Vanilla Javascript, HTML, CSS3, Webpack, paper.js) (2021)

[Github](#)

This two-player puzzle game is a single-page app using vanilla Javascript.

- Created HTML Canvas with paper.js to dynamically render graphics that can connect with free-drawn lines.
- Leveraged Javascript's asynchronicity to introduce collision detection with event handlers and listeners.
- Established CSS3 Flexbox for custom layouts for any screen size.

EXPERIENCE

Software Engineer

Citadel, Feb 2023 - Present

- **Feature Development:** Crafted modular enhancements and full-stack features.
- **API Expansion:** Leveraged Grape API to evolve integrations, adding routes, table transformations, and devising new models.
- **Continuous Improvement:** Transitioning touched files to Typescript, modernized and consolidated associated libraries, eliminated outdated code, and rectified identified bugs.
- **Seamless Migration:** Led a code-centric redirection from SharePoint to Microsoft 365, ensuring business continuity without affecting existing workflows.

Tech Stack: Typescript, React, Rails, PostgreSQL, Blueprint, Docker, Backbonejs, Jenkins, MS Graph

Full-Stack Developer

King Willy, 2022

- Enhanced app functionality: resolved bugs and optimized performance.
- Designed and built feature-rich applications for web and mobile.
- Collaboratively steered new application development from conception to deployment.
- Constructed dynamic, responsive web pages; managed state via GraphQL.

Tech Stack: React Native, React, Node.js, Apollo, GraphQL, PostgreSQL, AWS, Nextjs, Bootstrap, Atom, Expo

EDUCATION

App Academy, Winter 2021: 560-hr Full Stack Web Development Immersive

Columbia U, Summer 2020: Data Analytics (Focus: Data Harnessing & Visualization)

Tufts U, Spring 2019: M.S. Chemical Engineering

Graceland U: B.S. Chemistry & Biology Pre-Professional

AWARDS & CERTIFICATIONS

Lean Six Sigma Black Belt, Tufts U Gordon Institute, Spring 2018

Eagle Scout, Boy Scouts of America