

DANIEL BRADLEY

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[LinkedIn](#)

[Github](#)

Queens, NY

SKILLS

AWS (ECS, S3), Bamboo, Bitbucket, Bootstrap, Copilot, Docker, Elasticsearch, Excel, Express.js, Flask, Freemaker (FTL), Git, GitHub Actions, GraphQL, gRPC, Heroku, HTML/CSS, IntelliJ, Java, Jenkins, jQuery, Kubernetes, MATLAB, Minitab, MongoDB, Node.js, PostgreSQL, Python (Flask, Pandas, NumPy, Sklearn, SQLAlchemy, Matplotlib), R, React, React Native, Redux, REST APIs, Ruby on Rails, Sidekiq, SQL, Tableau, Typescript, VBA.

EXPERIENCE

Software Engineer

Citadel, Feb 2023 - Nov 2024

- Delivered scalable backend features in Ruby on Rails to meet business-critical needs.
- Built and deployed gRPC endpoints in Java to streamline inter-service communication.
- Migrated .erb templates to .ftl and Sidekiq jobs to Java batch processes to modernize the stack.
- Supported phased backend migration from Rails to Java with minimal downtime.
- Developed scripts to cleanse and repair datasets, improving system data integrity..
- RLed bi-weekly release processes, expanded test coverage, and validated production releases.
- Modernized CI/CD pipelines by moving from Bamboo to GitHub Actions and optimizing Jenkins workflows.

Tech Stack: Ruby on Rails, Java, React, Typescript, PostgreSQL, Jenkins, Docker, Kubernetes, GCP, AWS.

Full-Stack Developer

King Willy, 2022

- Resolved bugs, optimized app performance, and added new features for web and mobile.
- 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

PROJECTS

Spectacular (Ruby on Rails, React, Zustand, PostgreSQL, Sidekiq, Docker, Kubernetes, GitHub Actions) (2025)

[Website](#)

Spectacular is a full-stack application built to manage sports events and teams at a national summer camp for high schoolers.

- Built a RESTful Rails API and React frontend with JWT authentication and Zustand state management.
- Created dynamic scheduling algorithms to generate fair matchups and prevent player conflicts.
- Designed admin dashboards for managing users, teams, events, and facilities.
- Deployed app with Docker containers on Kubernetes and automated workflows with GitHub Actions.
- Optimized database queries in PostgreSQL with indexing and caching for fast performance.
- Led full project lifecycle including architecture, feature planning, and backend/frontend development.

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.

- Integrated Mapbox APIs for geolocation and optimized routes via Matrix API.
- Created interactive maps for users to view and chat about event locations.
- Collaborated via Git and GitHub for modular development across frontend and backend.
- Validated controller inputs with Validator.js to ensure clean MongoDB data.

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

[Github](#)

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

- Built collision detection and event handling with vanilla Javascript.
- Designed responsive layouts with Flexbox for all screen sizes.

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