

Ryan Fitzgerald | Software Engineer

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SUMMARY

As a recent graduate of General Assembly's SEI program, specializing in MERN full-stack development, I bring a unique blend of organizational proficiency and adept troubleshooting skills to the world of software engineering. My journey began as a Senior Accountant at TJX, where I discovered a strong desire for optimizing processes using MS Excel. I honed my expertise in creating macros, pivots, and implementing advanced functions to enhance efficiency for both myself and my team. Driven by a passion for continuous learning and a knack for problem-solving, I transitioned into the dynamic field of software engineering. My goal is to contribute innovative solutions to technical challenges and make a meaningful impact in the ever-evolving landscape of technology.

CERTIFICATES & AWARDS

- Certificate of Completion, Software Engineering Immersive (General Assembly 12/2023)
 - 1st Place finish in General Assembly November Hackathon
 - Awarded TJX Associate of the Quarter twice (Q4-2017, Q4-2020)
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TECHNICAL SKILLS

HTML | JavaScript | CSS | Tailwind | Github | MongoDB | React | Node.js | Express | Python | Django | PostgreSQL

SOFTWARE ENGINEERING PROJECTS

UpNxt | Solo Project

Javascript, React, Django, PostgreSQL, Python, Tailwind CSS | 2 Weeks | [Github](#)

- *A movie app where users can see where films are streaming, filter based service, and save/remove favorites.*
- *Implemented Django REST framework with PostgreSQL for backend data and accessibility.*
- *Created filter and favorites functionality with React and design styling with Tailwind CSS.*

Visit Seattle | Team Project

MERN Stack | Software Engineer, Full Stack | 1 Week | [Github](#)

- *A visitor site for Seattle where the user can browse for restaurants, activities, and lodging.*
- *Assisted with seeding the database, creating models/controllers for backend (MongoDB).*
- *Responsible for functionality/design of cards and pop-ups for activities, restaurants, and hotels (Javascript).*

SNAKE | Solo Project

HTML5, CSS3, Javascript | 1 Week | [App](#) | [Github](#)

- *This project is a version of the classic mobile game where the player uses arrow keys to direct the snake.*
- *Created smooth animation, game logic, and audio by implementing HTML canvas, Javascript functions, and DOM manipulation.*
- *Accomplished creating a retro feel with CSS functions such as box-shadow and transform.*

NFL Team Tracker | Solo Project

HTML5, CSS3, Javascript | 1 Week | [Github](#)

- *NFL Team Tracker is a mock app where you can add/remove players from (25 players from the offense).*
 - *Created Full CRUD on all models across the Back End (MongoDB).*
 - *Create/Delete functionality on Front End (Axios & Javascript).*
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WORK EXPERIENCE

Senior Accountant

TJX Companies

Marlborough, MA
(02/2017 - 09/2023)

- Collaborated with upper management on the C2FO discount program, resulting in approximately \$18M annual savings for TJX. Created and distributed company-wide reporting files.
- Assisted Business Analysts by conducting periodic testing within Oracle, Cognos, and MP systems.
- Demonstrated advanced Excel proficiency in creating macros, pivot tables, and data models to enhance team efficiency.
- Conducted training sessions for 6 accountants on various processes and group procedures maintenance.

Accountant

TJX Companies

Marlborough, MA
(02/2016 - 02/2017)

- Processed disbursements through Oracle application and managed requests from BNY Mellon.
- Conducted Oracle and Cognos system testing for the Sierra Trading Post conversion in 2017.
- Prepared weekly/monthly deliverables for various accounting groups including G/L reconciliations and entries.

Senior Operations Service Specialist (Contractor)

TJX Companies

Marlborough, MA
(09/2015 - 02/2016)

- Assisted other specialists in maintaining vendor information and current bids for upcoming projects.
- Produced analytical spreadsheets for buyers with information provided by vendors.
- Worked with Data Analysts to provide Excel spreadsheets and charts for sourcing/procurement teams in the dept.

Production Electrician

Capron Lighting & Sound

Needham, MA
(06/2015 - 09/2016)

- Operated generator(s) to supply electrical power to various events throughout New England.
- Collaborated with supervisors on initial setup and layout of equipment for each event.

Accounts Payable Specialist

Dassault Systemes Americas Corp.

Waltham, MA
(08/2014 - 02/2015)

- Processed large volumes of invoices (500+) on a weekly basis for all North American vendors.
- Demonstrated technical understanding of document imaging software Peoplesoft accounts payable system.

Expense Analyst

State Street Corporation

Boston, MA
(01/2011 - 08/2014)

- Prepared expense reports such as billing, acquired fund fees, 24f-2 filing, 1099 reporting, and prospectus updates for various clients.
- Analyzed daily/monthly deliverables such as roll forwards, proformas, and expense cap reviews.

EDUCATION

General Assembly

Certificate of Completion, Software Engineering Immersive

Remote
(09/2023 - 12/2023)

- Full-stack software engineering immersive student in an intensive, 12-week, 500+ hour program focused on product development fundamentals, object-oriented programming, MVC frameworks, data modeling, Agile methodology, and team collaboration strategies. Developed a portfolio of individual and group projects.

Bridgewater State College

B.S. in Business Management

Bridgewater, MA

05/2008