

SEAN KENNEDY

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[GitHub](#) | [Gitlab](#) | [Portfolio](#)

Skills and Proficiencies

Technical Skills

- **Programming:** Python 3, ES6+, SQL, HTML5, CSS
- **System Design:** Monoliths, Microservices, Domain-Driven Design, Message Passing, Event Sourcing
- **Front-End:** React, Redux, Bootstrap, Tailwind
- **Back-End:** Django 4, FastAPI, PostgreSQL, MongoDB, RabbitMQ

Professional Skills

- Cross-Functional Team Leadership
- Stakeholder Management
- Product Strategy and Development
- Interpersonal Communication
- Agile Problem-Solving

Education and Training

Hack Reactor | Software Engineering Immersive | New York, NY

July 2022 - November 2022

Colgate University | Hamilton, NY

August 2012 - May 2016

Bachelor of Arts, Philosophy

Technical Experience

Software Engineering Immersive Resident | Galvanize

November 2022 – Present

- Train and mentor fifty aspiring software developers to achieve industry standard development techniques and codebase management
- Execute expert level consults on projects using a tech stack that includes React, Django, FastAPI, Docker, SQL, CI/CD, and version control
- Collaborate with cross-functional teams to reproduce and diagnose technical issues, while implementing solutions that improve system performance and reliability

Full Stack Overflow | Galvanize

October 2022

- Implemented Javascript Web Token (JWT) based authentication in a web-based application, providing secure access to sensitive data and features for various users
- Designed a comprehensive database schema for a PostgreSQL-based application, improving data management and application performance
- Streamlined and enhanced the scalability of the application using modular and reusable Redux components

Deck Reactor | Galvanize

September 2022

- Effectively partnered with a diverse team of four professionals to achieve rapid development and deployment of a docker application in a timeframe of one month
- Constructed a RESTful API using FastAPI, enabling seamless data integration with third-party applications and services
- Maximized the efficiency of application state management using Redux's action and reducer pattern, streamlining data flow and communication between React components

Conference GO | Galvanize

August 2022

- Restructured a large, monolithic Django application into a scalable, microservices-based architecture using pub/subs and queues, improving performance and reliability
- Developed a responsive user interface using React to implement a range of user-facing features, including data visualization, interactive forms, and real-time updates
- Integrated effective communication between React web pages, a RESTful API server, and an SQL database, resulting in seamless data flow

Professional Experience

Physical Education Coordinator | Village Babies Development

July 2019 - July 2021

