

SEAN KENNEDY

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<https://github.com/snkennedy21> | <https://gitlab.com/snkennedy21>

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, SQLAlchemy, Alembic

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

November 2022 - Present

Galvanize

- Provide 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
- Mentor and train aspiring developers to follow best practices for software development and codebase management

FullStack Overflow

October 2022

- Implemented JWT based authentication in a web application, providing secure access to sensitive data and features for various users
- Constructed a comprehensive database schema for a PostgreSQL-based application, improving data management and performance
- Enhanced the maintainability and scalability of the application through the use of Redux Toolkit Query's modular and reusable components

Deck Reactor

September 2022

- Designed and implemented a RESTful API using FastAPI, enabling seamless integration with third-party applications and services
- Improved efficiency of application state management through the use of Redux's reducer and action pattern, enabling more efficient data flow and communication between components
- Established clear communication guidelines and work protocol with team which led to optimized workflow

ConferenceGO

August 2022

- Successfully restructured a large, monolithic Django application into a scalable, microservices-based architecture using pub/subs and queues, improving performance and reliability
- Developed a responsive frontend web application using React and modern development tools to implement a range of user-facing features, including data visualization, interactive forms, and real-time updates
- Implemented effective communication mechanism between frontend React web pages and a backend database, enabling seamless data flow and updates

Professional Experience

Physical Education Coordinator

July 2019 - July 2021

Village Babies Development

Lead Teacher

July 2017 - July 2019

My Gym Fitness Center