

MARK VINCENT RODRIGUEZ

512-550-0054 mvrktopher@gmail.com [Github](#) [LinkedIn](#) [My Site](#) Brooklyn, NY

TECH SKILLS

Program Management, JavaScript, TypeScript, Python, Ruby, Solidity, SQL, Sequelize, SQLAlchemy, GraphQL, PostgreSQL, MongoDB, Django, Flask, Express.js, Rails (3), React.js (18), Redux, Next.js, HTML5, CSS3, Markdown, AWS, Mongoose, Git Docs as Code, Technical Writing, Technical Content Creation, Project Management, API Design, Cross Functional Leadership.

RELEVANT EXPERIENCE

App Academy

June 2019 – Present

Technical Manager - Outcomes, San Francisco, CA + New York, NY

- **Team Leadership & Mentorship:** Managed a distributed team of engineers and career advisors, providing ongoing coaching and performance feedback, while fostering a collaborative environment that drove individual and team success in placing over 2000 engineers in developer roles.
- **Technical Content Creation + Strategy:** Produced educational materials on core computer science principles and cutting-edge technologies including programming languages, frameworks, and APIs. Created original multimedia content accessed by 1000+ software developers utilizing HTML, CSS, JavaScript, Markdown, and Git.
- **API Design and Development:** Designed and developed RESTful APIs using Ruby (Rails), JavaScript (Express), and Python (Flask, Django), ensuring secure, efficient data exchange and integration with third-party services for scalable, high-performance applications.
- **Frontend Development with React:** Built and maintained responsive web applications, leveraging state management libraries like Redux to handle complex UI interactions and data flows in a normalized way, resulting in seamless UX.
- **Relational and Non-Relational Database Skills:** Experienced in designing and managing relational databases (PostgreSQL, MySQL) and non-relational databases (MongoDB), optimizing data schemas and queries to ensure high performance and reliability.
- **Project Leadership:** Spearheaded internal projects, including docs platforms and content distribution networks, providing ongoing professional development resources.
- **Cross-Functional Collaboration:** Worked with Engineering, Product, and Leadership teams to deliver high-quality, scalable resources for students transitioning into the tech industry.
- **Community Building and Engagement:** Established and nurtured a thriving Discord community, facilitating discussions, resource sharing, and networking among members, which enhanced peer support and collaboration.
- **Virtual Event Coordination:** Organized and hosted interactive virtual meetups and workshops, successfully bringing together hundreds of participants to discuss a wide variety of tech topics.
- **Technical Documentation:** Authored detailed guides and FAQs to support internal teams and provide resources on various technical topics including cloud architecture, web development, and API integrations.
- **AI/ML Content Development:** Conducted research on emerging trends in AI/ML and developed educational content to introduce students to machine learning concepts, tools, and real-world applications.

Columbia University Department of Psychiatry

June 2017 – January 2019

Project Manager, Clinical Research - Substance Use Research Center, New York, NY

- **Content Development:** Developed research protocols and technical documentation for federally funded clinical trials, ensuring compliance with regulatory standards and clear communication across departments.
- **Stakeholder Collaboration:** Coordinated with academic leadership, training research staff, and refining research methods, focusing on simplifying technical material for a diverse audience.

EDUCATION

Software Development - App Academy, 2019

- 1000-hour immersive full-stack web development program.

BA Philosophy + Texas Interdisciplinary Plan Honors - The University of Texas at Austin, 2012