

Jeremy Rose Software Developer

New York NY | 919.600.0433 | jeremy.r.rose@gmail.com

Professional Profile

I am an inventive, adaptable software developer with an extensive background in digital media and education. A longtime editor and teacher in human languages, I follow the same meticulous, audience-oriented approach in my work with programming languages, with a focus on communication and usability.

Relevant Experience

Programmer Writer

Amazon | New York NY | June 2021 - January 2026

- Produce customer-facing documentation, tools, code samples, and tutorials for clients of the Amazon Ads API
- Coordinate with hundreds of internal service provider teams to guide improvements to API contract design, developer guides, and release communications
- Maintain and improve the public documentation site, a React application using Redoc and custom Markdown renderers
- Maintain CI/CD pipeline, testing, and AWS resources for content delivery, and develop internal tools for content creators
- Curate knowledge base for customer-facing AI assistants in Amazon Ads console and test response quality
- Develop programmatic tests for new API and SDK features to verify conformity of services to OpenAPI specifications and generated SDK operations
- Lead code reviews for changes to the content repository
- Contribute to and serve as technical lead for team initiatives to reform information architecture, gauge content quality and coverage, and improve responses to customer feedback and interaction data

Lead Instructor, Software Development Bootcamp

New York University | New York NY | March 2022 - August 2023

New Jersey Institute of Technology | Newark NJ | December 2021 - March 2022

- Instructed multiple cohorts of students in all aspects of full-stack development, from introductory JavaScript programming through UX/UI design concepts, React development, database management, data modeling, and API design
- Designed daily coding challenges to provide scaffolding for upcoming topics
- Fostered students' debugging and logic skills during weekly office hours and individual tutorial sessions
- Coached students in best practices for productive use of AI code generation tools
- Introduced students to agile/scrum development practices and workflow tools during project "sprints"

Instructional Associate

General Assembly | New York NY

Software Engineering Immersive Course | June 2020 - June 2021

Python & Data Science Course | September 2020 - June 2021

- Provided instruction, enrichment, and one-on-one tutoring for students
- Contributed to in-house record administration software written in Node.js
- Composed and edited instructional materials and labs
- Developed and evaluated all homework assignments
- Wrote assignment tests using Jest and RSpec
- Supervised student teams during project sprints

Editor

Tribune Content Agency, Tribune Publishing | New York NY | March 2017 - September 2019

- Performed developmental, substantive, and copy editing for a team that averaged roughly 900,000 page views daily
- Fundamentally overhauled house style guide
- Led initiative to codify ethics and veracity standards
- As writer, published pieces in digital editions of New York Daily News, Los Angeles Times, and Chicago Tribune, as well as via Tribune's digital-only content streams

Academic Background

General Assembly

Software Engineering Immersive (480 hours), Python & Data Science (40 hours), Visual Design (32 hours)

Western Carolina University

Bachelor of Arts, History / German (double major)

Skills & Proficiencies

Software Development

Programming & Scripting: JavaScript | TypeScript | Python | Java | Ruby | PHP

Web & Backend: HTML/CSS | React | NextJS | Vue | Angular | NodeJS | Express | Django | Rails | jQuery

Databases & ORMs: MongoDB | PostgreSQL | MySQL | SQLite | Mongoose | Sequelize

Version Control, Testing & Infrastructure: Git | GitHub | CodeCommit | Jest | TestNG | Cucumber | AWS

AI Tools & Implementation: Amazon Q | GitHub Copilot | ChatGPT | AI Prompt Engineering | LLM Integration Strategy

Technical Documentation

Documentation Standards: OpenAPI (Swagger) | Redoc | Markdown | XML | JSON | YAML

Strategy & Content: Information Architecture | Content Management | Release Notes | Training Materials

Technical Writing: API Documentation | Developer Guides | Object Model Documentation | Instructional Writing | Reference Documentation

Design & Multimedia

Design & UI Systems: Figma | Adobe Creative Cloud | Material UI | Storm UI | Bootstrap

Data Visualization & Multimedia: Pandas | Chart.js | D3 | Reaper | Audacity | Final Cut Pro

Public Portfolios

Website: jeremy-rose.com

GitHub: github.com/jeremyrrose

LinkedIn: linkedin.com/in/jeremy-r-rose