

Jeremy Rose Software Developer

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Professional Profile

I am an inventive, adaptable software developer who specializes in clear communication. I help engineers achieve their goals by building genuine expertise directly from the source and translating that knowledge into useful paths for developer audiences using my background as a journalist and teacher. I thrive in ambiguous spaces and enjoy the research required to solve problems that don't yet have a documented solution. I treat human language as a critical interface for any product—if the docs don't remove the friction of adoption for both human developers and LLMs, the product is not complete.

Relevant Experience

Programmer Writer

Amazon | New York, NY | June 2021 - January 2026

- Produced customer-facing documentation, tools, code samples, and tutorials for clients of the Amazon Ads API
- Coordinated with hundreds of internal service provider teams to guide improvements to API contract design, developer guides, and release communications
- Maintained and improved the public-facing docs site, a React application using Redoc and custom Markdown renderers
- Maintained CI/CD pipeline, testing, and AWS resources for content delivery and developed internal tools for content team
- Curated knowledge base for customer-facing AI assistants in Amazon Ads console and tested response quality
- Developed programmatic tests for new API and SDK features to verify conformity of services to OpenAPI specifications and generated SDK operations
- Led code reviews for changes to the content repository
- Contributed to and served 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 Intensive Course

New York University (via ThriveDX) | New York NY | March 2022 - August 2023

New Jersey Institute of Technology (via ThriveDX) | 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
- Composed and edited instructional materials and labs and developed and evaluated all homework assignments
- Contributed to in-house administrative software written in [Node.js](#) and 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