

Stacey Brodsky

Software Engineer | Subject Matter Expert (SME)

(561) 317-6944
Crossville, Tennessee
staceybrodsky@gmail.com
www.linkedin.com/in/staceybrodsky

PROFESSIONAL SUMMARY

Experienced senior software engineer with 10-year track record building and maintaining enterprise healthcare systems and API integrations. Expert in Go, Delphi (Pascal), Perl, Object-Oriented Programming (OOP) languages, and application integration across healthcare and financial sectors. Strong experience modernizing legacy applications, implementing secure data exchange platforms, and designing high-throughput solutions. Proficient in both SQL and NoSQL database systems, with extensive experience in designing, managing, and optimizing relational and non-relational databases. Adept at leading cross-functional teams, driving digital transformation, and implementing modern, forward-thinking software solutions that accelerate business growth. Seeking a challenging role to leverage my technical expertise and leadership in building cutting-edge, cloud-powered applications that drive innovation and success.

RELEVANT PROFESSIONAL EXPERIENCE

Software Engineer II

Mar 2024– Dec 2024

Remote Position for WeatherTAP

Crossville, TN

- Enhanced proprietary real-time weather visualization application (C++, Perl, and Informix).
- Engineered custom Android/Linux devices for weather application deployment, supporting multiple key community partners including Tennessee DOT.
- Designed and integrated APIs for automated CRUD operations to streamline customer outreach.
- Enhanced in-house web applications to improve usability and automate administrative tasks.
- Managed full software lifecycle including installation, configuration, development, and upgrades.
- Collaborated with team and leadership to define requirements and design specifications.

Software Engineer II

Oct 2020 - Nov 2023

Remote Position for Frazer Computing

Canton, NY

- Developed and maintained high-performance used car dealership applications.
- Designed and implemented RESTful APIs (Go) for seamless data exchange.
- Engineered new Go microservices by reverse-engineering and migrating functionality from legacy PHP code to achieve significant performance gains and feature enhancements with proxy integration.
- Decomposed a monolithic Go application into independent microservices to enhance scalability, maintainability, and deployment flexibility.
- Enhanced FrazerDMS (Dealer Management System) software with Clarion Enterprise Edition v10.
- Improved application quality by utilizing automated testing and debugging tools in Agile development.
- Delivered projects ahead of schedule, demonstrating strong time management and collaboration.
- Leveraged experience to drive team development through comprehensive mentorship, resulting in enhanced technical skills, improved problem-solving, and a culture of continuous learning.

Senior Software Engineer

Feb 2018 – May 2020

Hybrid position for Cosby Harrison Company

Crossville, TN

- Developed dynamic websites and web applications for digital and print advertising marketplaces, enhancing user engagement and usability.
- Optimized in-house administrative tools (Perl/Informix) for efficient client account management.
- Led multiple feature development enhancements for administrative web applications including dashboards, Bootstrap integration, framework updates and cloud migration to improve scalability.
- Implemented SEO best practices, improving website visibility, search rankings, and metric reporting.
- Utilized Agile methodologies for rapid feature deployment and iteration cycles.

Software Engineer

Nov 2015 - Dec 2017

Document Storage Systems

Juno Beach, FL

- Proudly supported Veterans Health Information Systems with healthcare software development.
- Developed feature-rich, responsive user interfaces using AngularJS, Bootstrap, and jQuery, for seamless user experiences.
- Optimized middle-tier applications for efficient data retrieval from MUMPS databases.
- Managed full web application lifecycle including planning, design, development, testing, SEO, and maintenance to deliver scalable solutions.
- Collaborated across leadership and cross-functional teams, using Agile methodologies to ensure consistent product delivery.

Senior Software Engineer

Sep 2010 – Aug 2015

Palm Beach Financial Exchange, Inc.

Lake Worth, FL

- Architected and developed a complex, multi-tier business software suite including critical functionalities across Client Management, Inventory, POS, and EFT systems.
- Developed and implemented database optimizations for improved data efficiency and integrity.
- Integrated data encryption modules to ensure compliance with secure Personal Identifiable Information (PII) transmission and robust data security protocols.

CERTIFICATIONS

AWS Certified Developer – Associate

AWS Solutions Architect – Associate

AWS Cloud Practitioner

KEY TECHNICAL SKILLS

Languages & Frameworks: Go, Python, C++, JavaScript, React, Perl, Delphi, Clarion, Pascal, HTML, CSS, JSON, XML, AJAX, PHP, REST, YAML, AWS, OOP

Databases: PostgreSQL, MySQL, MongoDB, MSSQL, Oracle, Informix, Interbase, MUMPS

Cloud & DevOps: AWS (Certified), Docker, CircleCI, DataDog

Methodologies & Tools: Agile, Git, Jira, Confluence, Trello, Postman, Slack, Discord

Operating Systems: Linux, Windows, Android