Paul Roub

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SENIOR FULL-STACK SOFTWARE ENGINEER

Career Profile

- Expertise in lifecycle and planning, design, development, testing, prototyping, and deployment of innovative, **reliable**, **performant mobile** and **web-based software solutions** for large, medium, and small businesses, industries, and government entities.
- Equally at home building green-field projects or absorbing, updating, and improving large existing codebases.
- Proven success **remotely** and on-site as **team leader**, team member, and sole software developer.
- Manage **multiple projects**, simultaneously, **within budgets** and deadlines.
- Internal **Agile coaching**, mentoring and conference talks on Test-Driven Development

Value Offered

- Front and Back End Development
- Mobile and Web-Focused Software Development
- Responsive and Resilient Front End Web Development
- Product Development
- Project Management
- Marketing / Sales Support / Consulting
- Relationship Building / Customer Satisfaction
- Programming / Scripting / Code Analysis
- Documentation / Technical Writing
- Troubleshooting / Problem Solving
- Training / Team Leading / Mentoring
- Cross-Functional Teamwork
- Communication / Presentation

Relevant Professional Experience

Journey Live - Senior Software Engineer
New York, NY 2023 - 2024

Innovative provider of Employee Assistance Programs.

- Front- and back-end development of new features, iterating rapidly with customer and Operations feedback.
- Internal infrastructure improvements and agile coaching (championing Test-Driven Development and iterative MVP approach to new work)
- Designed, implemented, documented internationalization infrastructure for the full stack of Journey's applications (React and Node front and back end, web and mobile).
- Designed and implemented flexible, data-driven feature configuration, allowing Operations to tailor features offered to any combination of client, country and language without engineering intervention.
- Leveled up internal documentation and tutorials.
- General focus on removing friction for developers and operations.

Honor / Home Instead - Senior Software Engineer
San Francisco, CA 2017 - 2023

Industry-leading provider of Home Health Care services (Home Instead) and the technology platform that powers them (Honor).

- **Full-stack web service and web application development**, including building the prototype of Home Instead's first application used by Care Providers to manage their work and communication.
- Developed in or cooperated with Node, Python/Flask, AWS messaging and workflows, RabbitMQ, Azure

functions, C#, server- and client-side JavaScript, Typescript, React.
- Proselytized and exemplified **Agile software practices** throughout the organizations, including mentoring junior team members.
- Focused on **continuous improvement, quality-of-life issues and performance** — whether user-facing, or eliminating roadblocks in the software development/delivery process itself.
- All work is **fully remote**, including **remote pair programming**, demos, and knowledge sharing.
- Curated a **"Team Learning" feed** of useful technical or practice articles/videos/talks shared by team members (available on request).

SourceGear - Senior Software Engineer / Product Manager
Champaign, IL 2007 - 2017

Multimillion-dollar creator of software development tools for large and small software teams in high tech, educational, financial, healthcare, and governmental organizations.

- Participated on team of 4 in development of software, saving clients **thousands of man hours** by creating **mobile and online tools** and libraries for synchronizing data and resolving conflicts with one line of code using C, C#, and Objective C.
- Designed and developed software, including **Veracity distributed version control** and **bug tracking** and **Zumero data synchronization**.

Harris Corporation - Senior Software Engineer
Melbourne, FL 2004 - 2007

$7.4B American technology company providing defense contractor and information technology services, including wireless equipment, tactical radios, electronic systems, night vision equipment, and both terrestrial and spaceborne antennas for government, defense, and commercial accounts.

- **Created software systems working with outside vendors; delivering on-time solutions** to internal customers, **improving interdepartmental operations** and **enhancing existing software** using Microsoft BizTalk and custom software development in C#.
- **Led Microsoft BizTalk integration** on system adoption; **modernizing and centralizing** major purchasing component, improving inventory tracking and management.

Meridian Partners, LLC - Chief Technology Officer
Miami, FL 2002 - 2004

ERP services consultancy, offering SAP services, including implementation, support, maintenance, upgrading, training, governance, and risk and compliance services. Also providing business information services, including information management and data storage, report delivery and dash boarding, and public sector budget formulation and strategic staffing services.

- Served as **founding partner** of **custom Ecommerce software solutions company**.
- **Consulted with customers** to design, plan, and scope solutions, ensuring 100% satisfaction.
- **Built multiple online marketplaces** for nutrition and medicine sales, with extension rule-backed engines to tailor selections and restrict sales of items on case-by-case basis.
- **Developed bridging software** between new and legacy **water-flow management** and **tracking systems** for **South Florida Water Management District**.

Data Net - Senior Software Engineer
Miramar, FL 2001 - 2002

Hardware and software developer of warehouse inventory management solutions.

- Built, maintained, and debugged **warehouse tracking software** running on **multiple embedded and desktop systems**.

Breakaway Solutions - Regional Chief Technology Officer
Ft. Lauderdale, FL 1999 - 2001

Multimillion dollar nationwide Ecommerce consulting firm.

- **Managed team of 20+ developers** on multiple Ecommerce consulting projects.
- Acted as technical **team leader** on projects; writing and reviewing code, managing communications, and training client development teams.
- Developed and **presented training programs** to **developers** in **multiple regions**.

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Target Operating Systems:

Windows, Linux, macOS, iOS, Android

Platforms
.NET, Xamarin, Azure, AWS, NodeJS/Express

Servers
SQL, MySQL, Flask

Languages
C#, C, C++, Objective-C, Swift, Java, JavaScript, CSS / SASS / LESS, PHP, HTML, Perl, Python, Ruby

Frameworks and Libraries
Xamarin.Forms, Cordova / Ionic, jQuery / jQuery UI, ReactiveUI, ASP.NET, React, Ruby on Rails

Tools
Git, Jenkins, GitHub Actions

Conference Presentations

- Codemash, 2020 (video at roub.net/pres/codemash2020)
- Momentum Developer Conference, 2021
- Orlando CodeCamp, 2023