Michael Spellecacy

mspellecacy@frakle.com – github.com/mspellecacy – linkedin.com/in/michaelspellecacy

About Me

Software Engineer with 20+ years of experience in a variety of industries, including healthcare, fisheries, defense, and commercial services. Expertise in Java, TypeScript, Rust, Angular, React, and other modern technologies. Proven ability to contribute as an agile developer, participate in code reviews, and deliver high-quality software solutions that meet the needs of users and stakeholders. Passionate about learning and continuous improvement. Proven ability to work independently and as part of a team to design, develop, test, and deploy complex software systems. Experience in all phases of the software development lifecycle, from requirements gathering to deployment and maintenance.

Experience

Senior Software Engineer   Aug 2018 – Jan 2021
Casenet, LLC – Remote Contract | Stamford, NY

Worked directly with stakeholders on multiple highly Agile teams creating deeply integrated insurance management software for the healthcare industry..
- Heavily utilized Git, JIRA, and Confluence as part of the daily development process.
- Participated in daily Scrums, PR reviews, and regular backlog grooming with BA resources.
- Worked on several facets of Casenet's large enterprise application suite, including backend API development in Java, and front end work utilizing Angular, React, and TypeScript.
- Helped integrate multiple and varied vendor products for use with Casenet Trucare, including Clinical Review vendors for patient diagnostics, and OIDC vendors for supporting federated identity management.

Analyst/Programmer IV   Feb 2012 – Mar 2017
State of Alaska – Division of Fish and Game – Department of Commercial Fisheries | Anchorage, AK

- Lead two very public and mission-critical in-season web applications for the largest commercial wild salmon harvests in the world.
- Design, write and maintain software for in-season monitoring of Alaska's commercial salmon harvest.
- Maintain the News Release system for commercial and sports fishing public notifications.
- Work very closely with biologists ensuring all of their reporting needs are met to maintain a healthy sustainable salmon harvest.

Associate Consultant II   May 2010 – 2011
Wostmann & Associates, Inc. | Anchorage, AK

- Consulted on and did the foundation work for the migration of a large production application from WebSphere 5.1 to WebSphere 7.

Unix Configuration Specialist   2005 – 2010
Chenega Technology Services Corporation | Anchorage, AK

- Perl, Bash, Weblogic, Solaris 9/10, Java, j2ee, Ruby
- Maintained a large cluster of Weblogic Application Servers in a mixed OS environment (Solaris/Win2k3)
- Maintained application deliveries for several critical applications;
- Wrote several Jython (Java/Python) scripts to facilitate the easy management of a large cluster of Weblogic servers

Programmer/Analyst   2004 – 2005
MIKA Systems Inc. | Detroit, MI

- PHP, JS, Perl, MySQL.
- Designed and implemented a new intranet application for managing company contacts and meetings;
- Developed a large-scale relational database for a cellular phone reseller and laid foundation work for the web application.

Programmer/Analyst   2002 – 2005
SageGroup LLC. | Anchorage, AK

- PHP, JS, Linux, FreeBSD.
- Developed and implemented real-time tracking and transcription software for radiologists.
- Designed, implemented and tested Intranet software for diverse clientele.
- Installed network appliances such as printers or routers.

Programmer/Analyst   2000 – 2002
Wostmann & Associates, Inc. | Anchorage, AK

- Provided software design, development and implementation based on client contract requirements.
- Designed small to large-scale relational databases depending on the client's needs.
- Worked as a secondary network administrator watching over a medium sized mixed IT environment including Windows and Unix variants.

Education and Skills

Robert Service High School | BASIC, Pascal, Programming   Graduated 2000

Technical Skills
Java | Rust | Lua | Ruby | Python | Lua | SQL | HTML | CSS | Angular | React | WebAssembly | JavaScript | Git | JIRA | Confluence

Soft Skills
Mentorship | Collaboration | Team Leadership | Stakeholder Engagement | Agile Methodology | Problem Solving | Initiative | Adaptability | Project Management | Process Optimization | Peer Review