

Shawn Crahen

(978) 992-6523 • shawn.j.crahen@gmail.com • [LinkedIn](#)

EXPERIENCE

Penbay Technology Group — Senior Software Developer March 2023 - Present

- Led scalable back-end service design using Java, Spring MVC, RESTful APIs, and Oracle/PostgreSQL, ensuring high performance and security standards.
- Collaborated with cross-functional teams, including UI/UX and Product Managers, to design and maintain dynamic front-end features using JavaScript, AngularJS (legacy support), HTML, CSS/SASS, and Thymeleaf.
- Performed code reviews and enforced performance, security, and coding standards.
- Developed and maintained automated tests (unit, integration, end-to-end) using JUnit, Mockito, Selenium, and Cucumber.
- Served as Scrum Master for a team of 18, facilitating Scrum events and mentoring team members on Agile principles, promoting a culture of continuous improvement.
- Streamlined workflows with Jira, Confluence, Bitbucket, Git, and Figma.

Penbay Technology Group — Software Developer April 2022 - March 2023

- Designed and implemented back-end services using Java, Spring, RESTful APIs, and Oracle/PostgreSQL.
- Partnered with UI/UX teams to build responsive front-end features using JavaScript, AngularJS, and Thymeleaf, enhancing user interaction.
- Contributed to an Agile development team, participated in code reviews, and created automated tests for high-quality software delivery.

United States Coast Guard — Boatswain's Mate April 2002 - July 2022

- Attained rank of Master Chief Petty Officer (E-9), scoring #1 on the service-wide exam at multiple pay grades, demonstrating strong leadership and commitment to excellence.
- Led 40 personnel as Officer in Charge (2017-2022), saving ~75 lives and \$1.25 million in maritime property annually.
- Partnered with federal, state, and local agencies to enhance operations. Trained/certified personnel to 3x response capabilities.
- Designed training programs for 80 personnel, increasing qualifications by 40% in electronic navigation, search and rescue, and risk management, ensuring mission readiness.

SKILLS

Languages: Java, Python, JavaScript, SQL (PostgreSQL, Oracle), HTML, CSS/SASS

Tools and Technologies: Spring, REST APIs, React, AngularJS, Git, Jenkins, Splunk, AWS, Docker

Methodologies: Agile (Scrum, Kanban), Test-Driven Development (TDD)

CERTIFICATIONS

AWS Certified Solutions Architect - Associate (Mar 2024)

AWS Certified Developer - Associate (Feb 2024)

Spring Certified Professional 2023 (Nov 2023)

Professional Scrum Master™ II (PSM II) (Jun 2023)

Certified ScrumMaster® (CSM®) (Feb 2023)

EDUCATION

M.S. Computer Science — *University of Illinois, Springfield*

B.S. Environmental Science — *American Military University*