Shawn Crahen

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# EXPERIENCE

## Penbay Technology Group *— Senior Software Developer, Scrum Master*

April 2022 - Present

* Serve Agile software development team as a senior full-stack developer and Scrum Master to deliver a full-featured, custom Content Management System (CMS) in support of a federal government agency
* Implement back-end services using Java, Hibernate, RESTful Web Services, and Oracle & PostGres Databases within a Spring MVC architecture
* Build/maintain front-end features using Javascript, AngularJS, HTML, CSS/SASS, and Thymeleaf
* Conduct code reviews and establish/enforce performance, security, and style standards
* Write unit, integration, and end-to-end tests using JUnit, Mockito, AssertJ, Cucumber/Gherkin, and Selenium WebDriver
* Facilitate Scrum events, coach and organize Scrum Team, and promote Scrum values and Agile practices
* Collaborate and coordinate team effort using Scrum, Jira, Confluence, Bitbucket, Sourcetree, Git, Miro

## United States Coast Guard *— Boatswain’s Mate*

April 2002 - July 2022

* Advanced to the highest enlisted rank, Master Chief Petty Officer (E-9), 8 years ahead of professional growth point
* As Officer in Charge (2017-2022), supervised staff of 40 personnel in the execution of over 350 search and rescue and law enforcement missions annually; saved ~75 lives and preserved ~$1.25M maritime property annually
* Collaborated with Federal, State, and Local partner agencies in maritime operations; trained/certified operators resulting in 3x increase in capabilities in area of responsibility
* Directed maintenance of $25 million in real property assets and $5 million in operational assets
* Earned highest possible Boat Forces certification as Surfman (2007) and assigned #392 in the national Surf Register; held numerous other boat forces and law enforcement certifications
* Designed/implemented training, professional development, indoctrination, and education programs for 80 active duty, reserve, and auxiliary personnel (2013-2017); increased unit qualifications by 40% and developed unit-wide expertise in electronic navigation systems, search and rescue, law enforcement, and operational risk management. Certified personnel in boat forces and law enforcement competencies.
* Championed Leadership and Diversity Advisory Council (Chair) (2013-2017); held widely attended, monthly leadership workshops; crafted inclusive culture

# SKILLS

**Languages**: Java, JavaScript, HTML, CSS/SASS, SQL

**Technologies**: Spring Framework, Hibernate, Thymeleaf, REST Api, AngularJS, React, Agile (Scrum), Git, Amazon Web Services, Docker

# CERTIFICATIONS

## AWS Certified Solutions Architect - Associate *— Amazon Web Services* Mar 2024

## AWS Certified Developer - Associate *— Amazon Web Services* Feb 2024

## Spring Certified Professional 2023 *— VMware* Nov 2023

## Professional Scrum Master™ II (PSM II) *— Scrum.org* Jun 2023

## Certified ScrumMaster® (CSM®) *— Scrum Alliance* Feb 2023

# EDUCATION

## M.S. Computer Science *— University of Illinois, Springfield* Dec 2021

## B.S. Environmental Science *— American Military University* Feb 2018