

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