

Shawn Crahen

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EXPERIENCE

Penbay Technology Group — Senior Software Developer March 2023 - Present

- Lead the design and implementation of back-end services using Java, Hibernate, RESTful APIs, and Oracle & PostgreSQL databases within a Spring MVC framework.
- Collaborate extensively with UI/UX teams to design, build, and maintain dynamic front-end features using JavaScript, AngularJS, HTML, CSS/SASS, and Thymeleaf.
- Conduct thorough code reviews and establish/enforce performance, security, and coding standards.
- Develop and implement robust unit, integration, and end-to-end tests with JUnit, Mockito, AssertJ, Cucumber/Gherkin, and Selenium WebDriver.
- As Scrum Master, facilitate Scrum events and mentor team members on Agile principles, promoting a culture of continuous improvement.
- Leverage tools including Jira, Confluence, Bitbucket, Sourcetree, Git, Figma, Adobe XD, and Miro to enhance team collaboration and streamline workflows.

Penbay Technology Group — Software Developer April 2022 - March 2023

- Supported an Agile development team in delivering a proprietary content management and publishing framework for a federal government agency, focusing on both backend and frontend development.
- Designed and implemented back-end services using Java, Hibernate, RESTful APIs, and Oracle & PostgreSQL within a Spring MVC framework.
- Collaborated with UI/UX teams to create engaging front-end features with JavaScript, AngularJS, and Thymeleaf.

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

- Achieved rank of Master Chief Petty Officer (E-9), earning top scores on service-wide exams at multiple pay grades, reflecting strong leadership and commitment to excellence.
- As Officer in Charge (2017-2022), supervised 40 personnel in 350+ search and rescue and law enforcement missions annually, saving 75 lives and \$1.25 million in maritime property through decisive action under pressure.
- Worked with federal, state, and local agencies to enhance maritime operations, trained and certified personnel, resulting in a threefold increase in capabilities; fostered teamwork and communication.
- Designed and implemented training programs for 80 personnel, increased qualifications by 40% and developed expertise in electronic navigation, search and rescue, and risk management; ensured mission readiness.
- Served on a national advisory council to influence workforce policies and chaired the Leadership and Diversity Council, promoting inclusivity through leadership workshops.

SKILLS

Languages: Java, JavaScript, SQL, HTML, CSS

Technologies: Spring Framework, REST Api, AngularJS, Agile (Scrum), Git, Amazon Web Services

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)