GRAHAM BAGGETT

IT Manager

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☎ (202) 604-6937
📍 Suitland, MD

EDUCATION

Bachelor of Business Admin
Computer Information Systems

James Madison University

📅 January 2001 - May 2004
📍 Harrisonburg, VA

SKILLS

Build Tools: Maven

CI Tools: GitLab

Databases: Oracle

Languages: Java/J2EE, SQL, PL/SQL, Groovy, Python (book knowledge), JavaScript (book knowledge)

Repositories: Nexus

Project Management: SDLC, Agile Methodologies (Scrum and Kanban), DevOps

Security: DAST, SAST, SCA

Source Control Tools: Git

Web Servers: Tomcat, WebLogic

WORK EXPERIENCE

Branch Chief

Decennial IT Division, U.S. Census Bureau

📅 November 2015 - current   📍 Suitland, MD

- Led a team developing a Continuous Delivery pipeline for software releases
- Managed the development of JAGUAR, a topological web application built on Vaadin and the Spring framework
- Collaborated with security and infrastructure staff to obtain an Authority To Operate (ATO) for JAGUAR
- Led the development of a Continuous Integration pipeline for JAGUAR that includes automated build, deployment, security check, and regression testing in a development environment
- Led an automated testing team for JAGUAR using the Agile Kanban methodology
- Collaborated with the Risk Review Board to identify and mitigate JAGUAR risk
- Led an Agile Scrum team responsible for developing a reporting application for the MAF/TIGER database, Census' Oracle data store of spatial and address information

Software Team Lead

Geography Division, U.S. Census Bureau

📅 May 2009 - November 2015   📍 Suitland, MD

- Led an Agile Scrum team in developing an MVP for an internal change detection web application named BARCA, and obtaining an ATO.
- Worked with other software developers and infrastructure team to migrate Java applet from Oracle Containers for J2EE (OC4J) to Oracle WebLogic
- Provided troubleshooting support for a Java applet named GATRES with 400 concurrent users during peak 2010 Census operations

Software Developer

Geography Division, U.S. Census Bureau

📅 June 2004 - May 2009   📍 Suitland, MD

- Helped develop an internal Java applet named GATRES for viewing and updating Census topological data in the MAF/TIGER database
- Helped develop a Java API for maintaining the integrity of Census data stored in an Oracle database
- Developed SQL scripts and PL/SQL routines for querying and updating Census spatial and topological data in the MAF/TIGER database