

JACOB PHILLIPS

Software Engineer

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🌐 <https://www.linkedin.com/in/jacobphillips-dev/> 📍 Milton Keynes, England, UK

SUMMARY

Software Engineer, U.S. Air Force veteran, and Computer Science student with exceptional problem-solving skills. Recognized for strategic thinking, decision-making, and technical expertise, with a passion for technology and innovation.

EXPERIENCE

Software Engineer

TIDE Services Limited

📅 2023 - Present 📍 Huntingdon, England, UK

TIDE Services Limited is an Anglian Water Group company and part of Anglian Venture Holdings. TIDE Services manage the Anglian Water Direct, digdat and Geodesys businesses on behalf of Anglian Water Services.

- Provides insights into the selection of technologies for proposed systems, actively contributing to the decision-making process within the development team.
- Collaborates on software design for various projects, ensuring alignment with established standards and methodologies.
- Actively participates in enhancing and refining software design standards, methods, and tools, ensuring their effective application and adherence to best practices.
- Contributes to the ongoing review of development methods, tools, and standards employed by the Delivery Team, identifying opportunities for improvement.
- Personally engages in the creation of software solutions, adhering to established design, standards, and tools, with a focus on addressing clear business needs.
- Promotes a test-driven approach to software development whenever feasible, emphasizing the importance of thorough testing in the development process.
- Assumes responsibility for the deployment of software to the production environment, ensuring a seamless and efficient transition into live operation.
- Contributes to the automation of software integration and deployment processes, streamlining and optimizing the development pipeline.

Avionics Technician

United States Air Force

📅 2019 - 2023 📍 RAF Mildenhall, England, UK

The United States Air Force (USAF) is the air service branch of the United States Armed Forces, and is one of the eight uniformed services of the United States.

- Executed critical tasks under high-pressure situations, demonstrating exceptional strategic thinking and decision-making.
- Led planning and coordination efforts for a successful hostage rescue mission, achieving U.S. military history's longest-distance nighttime hostage rescue.
- Resolved critical gearbox malfunctions, preventing potential losses of \$2M by applying technical expertise and problem-solving skills.
- Identified and corrected software faults, contributing to an impressive 72% 12-hour repair rate, showcasing exceptional leadership and technical expertise.

SKILLS

Full Stack Web Development

Amazon Web Services (AWS)

Azure Devops

Database Management

C#/.NET

TypeScript & JavaScript

React

SQL

Git

Jira

Test Driven Development

STRENGTHS



Oral and Written Communication



Reliable and Consistent



Committed to Lifelong Learning



Team Building

EDUCATION

BSc in Computer Science

Oregon State University

📅 2023 - Ongoing

BFA in New Media & Animation

Southeastern Louisiana University

📅 08/2014 - 12/2018

TRAINING / COURSES

Operation Level-Up: Software Engineering Immersive

18-week Full Stack Software Engineering course for military veterans provided by Galvanize Inc.

AWARDS



2021 Lieutenant General Leo Marquez Award (352nd Air Force Special Operations Wing)

Air Force-level prestigious award presented to maintainers who have demonstrated superior service, performance, job knowledge, and results in aircraft maintenance.