

# JACOB PHILLIPS

## Software Engineer

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## 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

📅 10/2023 - 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.
- Actively 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

📅 07/2019 - 07/2023 📍 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

📅 09/2023 - 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.