

## Work Summary

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I am a software developer with experience in developing software applications since 2015. My experience primarily focuses on Java. Since joining 4 Arrows Consulting in 2019, I have contributed significantly to various projects, including the PrepToolkit Unified Reporting Tool (URT).

My key contributions include:

- Assisting with the migration of THIRA/SPR, CPG, NIMS, and UAWG components from max.gov.
- Supporting the ongoing development of PrepToolkit REP and HSEEP exercises.
- Implementing updates and changes to PrepToolkit URT assessments for each new assessment year.

My responsibilities at 4 Arrows Consulting involve conducting requirements analysis, defect tracking, and enhancement proposals. I also provide level of effort estimates for implementation and participate in code design, review, and architecture efforts.

Additionally, I utilize code repositories and configuration management controls, ensuring high-quality engineering processes. I perform unit-level testing and system analysis as needed.

Before joining 4 Arrows Consulting, I worked as an Applications Developer at United Parcel Service (UPS), a Web Developer at Apax Software, and a Programming Analyst at Knowledge Facilitations Group (KFG). I graduated from Eastern Kentucky University in 2015 with a bachelor's degree in Computer Science.

I am passionate about leveraging technology to solve complex problems and continuously improving my skills in the field.

## Professional Experience

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- ◆ **Mid-level Software Engineer, 4 Arrows Consulting, Somerset Ky (2019 – present):** In 2019, Mr. Smith accepted a position as a Software Engineer. Completed work for PrepToolkit Unified Reporting Tool (URT), REP Exercises, and HSEEP Exercises. Participates in code design, review, and architecture efforts for assigned systems. Utilizes code repositories, CM controls, and other engineering processes. Performs unit testing and system-level analysis/testing when required. Conducts requirements, defect, and enhancement analysis, including proposed solutions and effort estimates. Skills/Tools used: Java/Spring Framework, Apache HTTP Server, Google Web Toolkit, Liferay7, MySQL.
- ◆ **Applications Developer, United Parcel Service (UPS), Louisville KY (2017 – 2019):** Applications Developer on a team maintaining an application for ground transportation logistics. Supported full systems life cycle management (analyses, technical requirements, design, coding, testing, implementation). Collaborated with teams for effective communication and achievement of objectives. Provided development, maintenance, and support for applications. Skills/Tools used: Java/Spring Framework, SQL Server 2016, stress testing with Apache JMeter, HP Roadrunner, WebLogic, ActiveMQ, TFVC, Git.
- ◆ **Software Developer, Apax Software, Lexington KY (2016 – 2017):** Notable Django projects for Apax's biggest client: Presbyterian Church (U.S.A). Included custom-built tools: CMS tool, event registration system, nominations handling system, online survey system. Involved in the software development lifecycle of Fit Fac-Off, a mobile web app for the University of Kentucky's College of Public Health. Developed and executed client projects, managing multiple tasks simultaneously. Used repository systems and GitHub Flow for deployment. Skills used: Python/Django, JavaScript/AngularJS/jQuery, Bootstrap, SQL, Git, PHP, Drupal, WordPress, AWS.
- ◆ **Programming Analyst, Knowledge Facilitations Group (KFG), Richmond KY (2015 – 2016):** Team member on KFG's Electronic Data Interchange (EDI) platform known as EDITRACE. Created backend Python components for Translations, Validations, and Mapping Engine. Handled data in various formats,

including XML, X12, Editfact, CSV, Excel, Tradacoms, JSON, and IDOC. Analyzed the EDI process in real-time production environments with other developers to discover and fix transaction errors. Implemented a web-based console that allows users to inspect any aspect of the EDI process.

## **Education, Training and Certifications**

- ◆ Eastern Kentucky University, Richmond, KY. B.S. in Computer Science (2015)