Esaa Yamini

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Summary

Big data engineer. Sixteen years combined leadership experience in data engineering, data science, developing big data programs, data ingestion, data parsing, intelligence analysis, and military intelligence. Top Secret/SCI clearance. Multidisciplined Army Reserve Officer with extensive experience leading large teams (100+) to collect, analyze, and produce tangible information for senior level decision makers. Big data problem solver with entrepreneurial spirit and passion for clear, concise, actionable information.

Technical Skills

Tools

Python, Java, Scala, GIT, Maven, SQL, Elastic, Kubernetes, Lucene, Puppet, YAML, R, Pandas, Tableau, Matplotlib, NumPy, Hadoop, AWS, Apache Spark, Bootstrap, Beautiful Soup, Cloud ETL, Swift, NLP, and JavaScript

Databases

US Air Force ELICSAR Big Data Platform (BDP), PostgreSQL, Extract-Transform-Load (ETL), MongoDB

Relevant Experience

Data Analytic Developer/Engineer (Lead)
2020 – Present
B.E.A.T. LLC
San Antonio, TX

Leads big data team in support of U.S. Air Force Cyber Command. Facilitated build of big data platform (BDP) on a classified network (first of its kind). Facilitated build of data infrastructure, data parsers, documentation, while optimizing two data platforms. Developed software (in Scala) capable of searching the BDP for threat indicators of

compromise. Co-authored big data technical manuals for data architects, developers, and data engineers to replicate achievements.

Intelligence Officer (O4 Major)
    2005 – Present
U.S. Army Reserves
    Austin, TX
Senior intelligence officer with experience in leadership roles at all Army organizational levels. Commanded a military intelligence unit sized over 110 personnel. Drafted complex intelligence products for unit missions with supporting briefings using data science tools such as Palantir, Query Tree, M3, and Pathfinder. Trained, supervised, and managed an intelligence unit responsible for intelligence production for United States Southern Command (USSOUTHCOM).

Additional Experience

Senior Intelligence Analyst (multiple)
    2006 – 2012
Booz Allen Hamilton, CACI, Athena, & HSA
    Charlottesville, VA; San Antonio, TX; & Afghanistan
Leveraged big data resources to generate and brief simplified, easy to process, intelligence products. Utilized interagency intelligence databases to compile comprehensive intelligence products.

Education

Data Analysis and Visualization: University of Texas
Austin, TX
Six-month certificate granting program focused on technical programming in Python, R, JavaScript, SQL Databases, Tableau, NLP, Pandas, Hadoop, Spark, Big Data, MongoDB, & Machine Learning.

Advanced Military Intelligence: U.S. Army Intelligence Center
Fort Huachuca, AZ
2005-2017, All Source Intelligence.

Bachelor's Degree: Indiana University
South Bend, IN
2001-2005, Psychology.