A black and white logo

Description automatically generated with low confidenceSam Hay

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615-995-5300

[**linkedin.com**](https://www.linkedin.com/in/sam-hay2u/)  Software Engineer

(Java JEE C++ )

**Security Clearance:**  Top Secret (02/2020)

# Technical Work History

Company : ManTech International……………………………………………………………………………………………………………….……June 2022 - Current

Contact: Don Reynolds 1-877-996-1999

Title: Software Engineer (remote)

\* Worked on a D.o.J. contract rendering frontend changes utilizing Angular, Typescript,

AWS lambda, AWS S3 buckets, Git, RedHat , Citrix all within Agile scrum environment.

\* Performed pre-configuration audits of AWS OWA accuracy with successful captures of user site navigation

Company : Booz Allen Hamilton………………………………………………………………………………………………………………...…………Oct 2021 - Apr 2022

Contact: D.Barrett 1-877-927-8278

Title: Software Engineer

\* Worked on a D.o.J. contract staging and normalizing ingested data before it goes from a Data warehouse to a Data Lake .

\* Worked within an Agile environment with daily standup utilizing Atlassian software suite: Jira, Confluence, and Bitbucket.

\* Backend technologies used consisted of Apache Spark , Nifi, Jolt, Scala, Data Bricks , Elasticsearch , Expression Language, Kibana,

Aws S3,and AWS lambda with python and Java.

\* Java’s TexTract functionality in AWS lambda/S3 as a cheaper one-off job to using Ec2’s

Company : Arcarithm………………………………………………………………………………………………………………...…………….…………Aug 2020 - Feb 2021

Contact: K. Minyard 1-866-533-1999.

Title: Software Engineer 1 (remote then onsite)

\* Worked on a D.o.D. contract under Missile Defense Agency performing front-end fixes on a resource management tool.

\* Worked within an Agile environment with daily standup utilizing Atlassian software suite: Jira, Confluence, and Bitbucket.

\* Front-end and other development technologies used consisted of React-redux, Typescript, Git, and Visual Studio all

within a C# .Net application.

Company : SAIC …………………………………………………………………………………………………………………………………………….……Nov 2019 – Jan 2020

Contact: K. Smith 1-877-999-7242

Title: Software engineer 1

\* Performed routine front-end fixes on a resource management project that would map all of NASA’s material costs

to an administrative P.O.C. approval.

\* Utilized Vue.js, typescript, some Java integration, and SAP.

Company : IC-Cap ………………………………………………………………………………………………………………………………………………Mar 2019 - Jun 2020

Contact: S. Taylor (304) 804-3130

Title: Software Developer (Remote/Part-time Position)

\* Developed and published the beginning stages of an O.L.T.P. full stack web application using Java 1.8 and MySQL.

\* Initially spun up the project’s database with PostgreSQL and then again MySQL after that.

\* Utilized technologies HTML, CSS, Java 1.8, J.D.B.C., J.S.P., MySQL and PostgreSQL

Company : Metro (I.T.S.) Information Technology Services ………………………………………………………………………………..…Dec 2012 - May 2013

Contact: K. Durban (615) 862 - 6300 -

Title: Computer Operator 2: Operations Divisions

\* Assumed a variety of roles related server data room wellness checklist activities.

\* Printed payroll checks for all Davidson County employees Conducted routine daily back up

## Languages, Frameworks & Tools Exposure

Java (J.E.E.) C++ HTML5 Bootstrap JSON MySQL PostgreSQL Typescript React(redux) jQuery Jira Confluence Git JUNIT5 Nifi DataBricks Elasticsearch Kibana Aws S3 AWS lambda Expression Language

# Education

Bachelor of Science Computer Science May 2018

Middle Tennessee State University

Bachelor of Business Administration Computer Information Systems May 2004

Middle Tennessee State University

Bachelor of Science Aerospace Administrations Dec 1998

Middle Tennessee State University

# Ongoing Research Projects

Project 1 [**click here… (published on AWS**](http://ec2-3-16-186-106.us-east-2.compute.amazonaws.com:8080/PIS/)**)** Began June 2018

Project name Patient Information Management System (P.I.M.S.) A skeletal Full stack demo of a…

Technologies Java/JEE/Servlet web – Patient Information Management System (P.I.M.S.)

(Java MySQL, JSP, HTML5 with XML, CSS, jQuery, REACT ) Performs C.R.U.D. operations against MySQL database via

Apache Tomcat server and JDBC. Uses bootstrap/CSS, XML, HTML5, Java Script, jQuery, in a responsive web design to present healthcare administrative patient portal data in an MVC format. Published on AWS with necessary User Registration and Authentication pages containing separated user/administrator access. Also, implemented a new feature with a restful webservice functionality in the form of a homepage dashboard created with REACT. Conducted light unit testing with Junit (just for the exposure).

Project 2 [**click here... (published on AWS)**](http://ec2-3-16-186-106.us-east-2.compute.amazonaws.com:8080/EMP/) Began June 2018

Project name Employee Management Portal( E.M.P.) A second skeletal Full stack demo identical to the one above. Technologies Java/JEE/Servlet web – Again an O.L.T.P. that manages C.R.U.D. operations against (Java MySQL, JSP, HTML5 with XML, CSS,) MySQL database via Apache Tomcat server and JDBC.

## Professional References

Farooq Mian – cloud developer [Mianincorporation@yahoo.com](mailto:Mianincorporation@yahoo.com) (214) - 205-6173

Nicole Swan Brooks [miahcole@yahoo.com](mailto:miahcole@yahoo.com) (410) - 961-4288

Dan Coombs [dcoombes@r1recruitment.com](mailto:dcoombes@r1recruitment.com) (423) - 386-3357

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