

Kris Tyte

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(704) 574-9605

Objective:

Innovative and mission-driven IT professional with decades of experience in system architecture, engineering, automation, and software development. Passionate about applying technology to create meaningful and ethical advancements that benefit both businesses and individuals. Seeks an opportunity with a forward-thinking company where technical expertise can directly influence growth, efficiency, and long-term success. Dedicated to ensuring that technology is applied ethically, fostering intellectual growth, protecting privacy, and delivering value-driven solutions that benefit all stakeholders.

Work Experience:

Production Support Engineer

August 2023 to February 2025

Contractor for Bank of America via Insight Global – Charlotte, NC

- Developed Python automation solutions, eliminating thousands of hours of manual work.
- Led root cause analysis and ITIL-compliant incident resolution.
- Automated system monitoring and maintenance with shell scripting.
- Enhanced application reliability through collaboration with development teams.
- Focused on improving operational efficiency with technology solutions that create real value.

Chief Engineer

March 2020 to August 2023

Step In, LLC - Charlotte, NC

- Designed and deployed enterprise IT solutions to support international business operations.
- Automated business processes to improve efficiency across manufacturing, sales, and fulfillment.
- Developed strategic IT frameworks to optimize technology investments.

System Architect

May 2013 to September 2019

Life3D, LLC - Charlotte, NC

- Engineered enterprise applications with a focus on usability, efficiency, and long-term sustainability.
- Applied Python automation to streamline data processing and improve business operations.
- Created solutions that not only enhanced company profitability but also provided real, measurable value to users.

System Engineer

August 2008 to December 2013

Atrium Health - Charlotte, NC

- Designed and maintained reporting software, glossary applications, and media archives.
- Automated IT operations, reducing downtime and optimizing system reliability.
- Focused on the ethical application of technology, ensuring transparency and user benefit.

Health Care Specialist - Combat Medic

July 2002 to July 2006

US Army - Fayetteville, NC

- Built a field application for MEDPROS, a database-driven immunization tracking system.
- Provided frontline medical support during deployments in Afghanistan and Iraq.
- Twice awarded the Combat Medical Badge for providing medical care while under enemy fire.

Skills & Technical Expertise:

Data Analysis & Reporting: Big Data, SQL, NoSQL, Statistical Analysis, Data Visualization, and Presentation

Software Development: System Architecture, Engineering, and Technical Documentation

Process Optimization: Automating Workflows to Eliminate Inefficiencies and Reduce Manual Effort

Automation & Scripting: Python, Shell Scripting, Ansible, Autosys, NiFi, and more

Production Support & IT Operations: ITIL, Incident Response, Root Cause Analysis

Ethical Technology Application: Ensuring Privacy, Intellectual Growth, and Value-Driven Solutions

Project Management: Agile, Cross-Functional, and International Collaboration

Volunteer/Community Experience:

Director of Technology

March 2012 to Present

USA Web School, Inc. - Charlotte, NC

- Led technology initiatives, including Nova Social, Operation Determination, and HC Code Camps.
- Educational initiatives with emphasis on Technology Philanthropy, and an ethical approach to applied technology.
- Believes technology must prioritize privacy, security, and long-term societal benefits.

East Voyager Academy & CMS Schools

August 2024 to Present

- Created an Auction Site raising thousands of dollars directly benefiting students.
- Software and service development to ensure student safety and foster community engagement.

Education:

Dedicated to lifelong learning and knowledge sharing, fostering critical thinking and ethical technology application. Passionate about education as a continuous journey that drives innovation and responsible technological advancement.

Bachelor of Arts in *Computer Science*, Information Technology
University of North Carolina at Charlotte – In Major GPA 3.5

December 2025

Associate of Arts in *Acquisition and Contract Management*
Strayer University – Final GPA 3.7

June 2023

Academic Requirements Completed in *Middle Grades Education*
University of North Carolina at Charlotte

January 2006

Military Service:

Branch: Army

July 2002 to July 2006

Rank: Sergeant, 91W2P Combat Medic - Paratrooper - 1/325 AIR - 82ND Airborne Division

Awards and Commendations:

Combat Medical Badge (2nd Award)

Army Commendation Medal (2nd Award)

Army Achievement Medal (2nd Award)

Iraq Campaign Medal

Afghanistan Campaign Medal

Global War on Terrorism Service Medal

Valorous Unit Award

Army Good Conduct Medal

National Defense Service Medal

Army Service Ribbon

Parachutist Badge. DD214 Available