

ERNESTO THAM

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Great desire to research, innovate and learn new technology, and advance my career

EXPERIENCE

OCT 2021 – PRESENT

SOFTWARE ENGINEERING, GEORGIA TECH CODING BOOTCAMP

Software Engineering (Dec 2021). GitHomies. Collaborated in the designed and frontend and backend code (JavaScript, CSS, NodeJs, ExpressJs, handlebars)

Live url : <https://gh.githomies.com/> repository: <https://github.com/mcstewart76/gitHomies>

Software Engineering (Feb 2022). BitFit. Collaborated in the designed and frontend and backend code (JavaScript, CSS, NodeJs, ExpressJs, MySQL and handlebars)

Live url: <https://bitfitted.herokuapp.com/> repository: <https://github.com/mcstewart76/BitFit>

OCT 2018 – PRESENT

SR AUTHENTICATION AND IDENTITY ANALYST, KOCH BUSINESS SOLUTIONS

Responsible for innovating and providing solution architect designs to project managers including the following:

- Engineering and designing Active Directory in a multi forest environment.
Innovating forest process migrations and providing training for support teams (M&As)
- Engineering and designing solutions for privilege identity management services including secret rotation, once time credentials, session isolation and session recording solutions. PAM infrastructure migrations and redesign in the cloud as IaaS
- DevOps automation of processes and any routine manual tasks (Git, CIDC, AWS, AZURE)
- Disaster recovery design and processes for Active Directory, DNS, PKI, PAM, and automated processes on premises and cloud.

Responsible for support of Virtual directory (radiant logic) – including support of synchronization of Active Directory, HR, and other data stores into virtual directory.

Responsible for support of Koch's Identity provider (Ping Identity). Including SAML, OAuth and OIDC application integrations.

Responsible for cost recovery analysis for services

DEC 2010 – OCT 2018

COLLABORATION ANALYST, KOCH BUSINESS SOLUTIONS

Responsible for mobility infrastructure design and support (Blackberry and Good for Enterprise)

Responsible for Privilege Identity management design and support (CyberArk)

Responsible for Microsoft Exchange on premise and hybrid cloud infrastructure and support

Responsible for Active Directory infrastructure and support

Responsible for DHCP and DNS infrastructure and support
Responsible for PKI infrastructure and support
Responsible for Fax infrastructure and support
Responsible for providing project management solutions for any size project and for any of the KOCH companies

DEC 2009 – DEC 2010

CLIENT TECHNOLOGY TECH, KOCH BUSINESS SOLUTIONS

Provided technical support to all KOCH companies.
Access management and Active Directory administration
Responsible for workstation migrations for acquisitions and divestitures

MAY 2008 – DEC 2009

TECHNICAL ANALYST, GEORGIA PACIFIC

Provided support services to several client applications for all GP departments and business lines
System imaging and deployment
Administer user rights and security policies in Active directory

EDUCATION

APR 2022

FULL STACK DEVELOPMENT CERTIFICATION, GEORGIA TECH

DEC 2009

BACHELOR OF SCIENCE, COMPUTER SCIENCE, KENNESAW STATE UNIVERSITY

JUL 2002

ESL, GEORGIA TECH

JUN 2001

BACHELOR OF SCIENCE, INDUSTRIAL ENGINEER UNIVERSIDAD DE SAN MARTIN DE PORRES

SKILLS

- Computing:
Windows Server and Linux
- Languages: English and Spanish
- Programming languages:
- Other:
AWS, AZURE clouds

Java, C++, Javascript, MySQL, Oracle,
DynamoDb, MongoDB, MERN stack,
PowerShell, python

- Software:
ServiceNow, Jira, Gitlab, Github, Cyberark,
Microsoft server infrastructure stack

OTHER EXPERIENCES

- Market Base Management (MBM) (2008- present) Applying and mentoring MBM at KOCH Industries
<https://charleskochinstitute.org/market-based-management/>
<https://www.sec.gov/Archives/edgar/data/41077/000119312505225697/dex997.htm>
- Software Engineering (Jan 2009). Developing the “Animated Database Courseware” at Kennesaw State University
- Object Oriented Simulation (2009). Investigated and developed the procedure and tests to configure the Eclipse environment for use with the OOSimL simulation language. Assist Jose Garrido, professor at Kennesaw University, to review his documentation. A book was published after the project by the professor. My name is displayed on page VIII on the Preface of the book. ISBN: 978-1-4419-0515-4
<http://www.springer.com/computer/theoretical+computer+science/book/978-1-4419-0515-4>