

Full Stack Engineer

Senior Software Engineer Professional

Results-oriented full stack developer with 20+ years building scalable, maintainable applications to drastically improve efficiency. While I now focus on systems analysis and maintainable software development my history of system administration, networking, management, and teaching allows me to work with other stakeholders and subject matter experts to build complex, fault-tolerant systems.

Skills

Full Stack Development	Interdisciplinary Research	Algorithms Development
Software Development	Web Development	Data Visualization
Agile Development	Scripting Languages	System Architecture
Cross-platform dev. UNIX Management	Database Administration	System Administration
	Teaching	

Experience



SAIC	Software Principal III	Sep 2022 - present
Designed and developed data management and data archival procedures for government customer. The project used Google Cloud Platform and customer proprietary systems. During my tenure in this job I worked on GCP buckets, MySQL, Linux/Windows VMs, HyperThought, Jira, daily standups, led sprint reviews and retrospectives, LaTeX, BibTeX, Python, NginX, Flask/Python, Blazer, C#, and Visual Studio Code.		
Details		
SAIC/SERCO	Software Principal III	Sep 2010 - Sep 2022
ONGO Live Inc	Software Engineer Lead	May 2008 - Sep 2010
Aym Business Consulting	Software Engineer	Feb 2007 - May 2008
Planning Systems Inc.	Contractor	Jul 2006 - Jan 2007
TekSystems	Contractor	Apr 2006 - Jun 2006
Icoria, Inc. (Paradigm Genetics)	Systems Architect	Apr 2001 - Jan 2006
Paradigm Genetics Inc.	Director of Data Systems & Algorithms	Nov 1999 - Mar 2001
Paradigm Genetics Inc.	Software Engineer	Jul 1998 - Oct 1999
Security First Technologies	System Administrator	Oct 1997 - Jun 1998
HomeCom	Web Developer & System Administrator	Jun 1997 - Sep 1997
Georgia Institute of Technology	Teaching Assistant	Oct 1996 - Jun 1997
Southeastern Louisiana Univ.	Computer Science Instructor	Aug 1995 - Aug 1996
Pearl River Community College	Adjunct faculty	Aug 1994 - Aug 1996
Univ. of Southern Mississippi	Teaching Assistant	Aug 1993 - Aug 1995
THAYER School of Engineering	Software Engineer	Aug 1988 - Jul 1993
Trafton Academy	Computer Science Teacher	Sep 1985 - May 1986
Southeastern Louisiana Univ.	Various	Jan 1984 - May 1986

Certifications

ITIL Foundation (5 November 2015)
 DevOps Foundation (9 November 2018)
 AWS Cloud Practitioner (30 March 2021)
 2021 SAIC Large Program Team of the Year
 Kuk Sool Won, Jo Kyo Nim (October, 2013)
<http://www.kuksoolwon.com/site/promotions/2013>
 Kuk Sool Won, Kyo Sa Nim (4 November, 2017)
<http://www.kuksoolwon.com/site/promotions/2017>

Education



Various	
Georgia Institute of Technology	4.00/4.00 June 1997
Univ. of Southern Mississippi MS in Comp Sci	4.00/4.00 August 1995
Dartmouth College	April 1988
Southeastern Louisiana Univ. BS in Computer Science	3.6/4.0 May 1986