

William David Haas
Full Stack Developer

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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](#)

[Software Development](#)

[Agile Development](#)

[Cross-platform dev. UNIX](#)

[Management](#)

[Interdisciplinary Research](#)

[Web Development](#)

[Scripting Languages](#)

[Database Administration](#)

[Teaching](#)

[Algorithms Development](#)

[Data Visualization](#)

[System Architecture](#)

[System Administration](#)

Experience

Software Principal III

SAIC

Sep 2022 - present

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Designed and developed data management and archival procedures for gov customer.

[Details](#)

Software Principal III

SAIC/SERCO

Sep 2010 - Sep 2022

Designed and developed applications, system scripts, and databases for public facing websites as well as some internal data processing and reporting tools. Administrated Linux and Apache servers and applications. Development work was primarily in Perl and JavaScript. Designed, developed and maintained web based financial applications in JavaScript using Highcharts. Built a library of Perl modules specific to our environment to template data migration applications between our servers. Built multiple stored procedure libraries (MySQL) to isolate schema design and databases from the development team and form a consistent API to the data and improve the ability to replace systems. Migrated two public facing websites (www.tsp.gov and www.frtib.gov) from Serena Collage (2014) to Hannon Hill's Cascade and then to Federalist (GitHub, Jekyll, Liquid) in 2018 and 2022 respectively. Sole software development and support resource for the public web site content, Highcharts, Cascade and its variant of Apache

Velocity, and the Agency's use of GitHub.

[Details](#)

Software Engineer Lead	ONGO Live Inc	May 2008 - Sep 2010
Software Engineer	Aym Business Consulting	Feb 2007 - May 2008
Contractor	Planning Systems Inc.	Jul 2006 - Jan 2007
Contractor	TekSystems	Apr 2006 - Jun 2006
Systems Architect	Icoria, Inc. (Paradigm Genetics)	Apr 2001 - Jan 2006
Director of Data Systems & Algorithms	Paradigm Genetics Inc.	Nov 1999 - Mar 2001
Software Engineer	Paradigm Genetics Inc.	Jul 1998 - Oct 1999
System Administrator	Security First Technologies	Oct 1997 - Jun 1998
Web Developer & System Administrator	HomeCom	Jun 1997 - Sep 1997
Teaching Assistant	Georgia Institute of Technology	Oct 1996 - Jun 1997
Computer Science Instructor	Southeastern Louisiana Univ.	Aug 1995 - Aug 1996
Adjunct faculty	Pearl River Community College	Aug 1994 - Aug 1996
Teaching Assistant	Univ. of Southern Mississippi	Aug 1993 - Aug 1995
Software Engineer	THAYER School of Engineering	Aug 1988 - Jul 1993
Computer Science Teacher	Trafton Academy	Sep 1985 - May 1986
Various	Southeastern Louisiana Univ.	Jan 1984 - May 1986

Awards & 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/2>
- Kuk Sool Won, Kyo Sa Nim, 4 November, 2017
<http://www.kuksoolwon.com/site/promotions/2>

Education

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

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Resume: <http://resume.thedav.com/>

LinkedIn: <https://www.linkedin.com/in/william-david-haas-2307b9242/>

August
2023