Rick Page
Software Engineer
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I use Python, HTML/CSS/JS, SQL, and Java to create web apps, Android apps, research simulations and Linux software.

Core Skills

Delivers web apps using Python, SQL, HTML/CSS/JavaScript.
Administration and customer support of production web apps hosted on Amazon, others.
Manages projects across software lifecycle - from definition/requirements to deployment.
Strives to improve efficiency using open source software and automation.

Languages	Python, JavaScript (ES5/ES6), Java
JavaScript Frameworks	Vue, Vuetify, Pixi, Phaser, jQuery
Server Frameworks	Django, Django REST Framework, Flask, Node.js
Databases	MySQL, PostgreSQL, Oracle, SQLite
Computational Science	Parallel computing, numpy, BLAS, CUDA, MATLAB, Octave
PaaS	AWS EC2, ELB, Lambda; Openshift; Heroku
VCS	git, github, gitlab clearcase
Miscellaneous	AJAX, multi-thread, multi-core, REST API, webpack

Academic

M.S. Computational Simulation & Modeling & B.S. Computational Science
The Richard Stockton College of New Jersey

Professional History

Full Stack Engineer / Owner @ *RP Codes, LLC, Stafford, NJ* 2015 - Today
• Design, build, test and maintain custom software solutions on web, Android, and Linux.
• Understand client's business process to develop cost-saving / revenue generating software.
• Provide software updates, business reports, new features and IT support as needed.

Software Engineer @ *BASE-2, Inc., Egg Harbor, NJ* 2012 - 2014
• Implemented traffic scheduling algorithm in Java/J2EE and Oracle SQL / toplink.
• Collaborated with devs, testers, users to write test procedures and user documentation.

Network Analyst @ *WMS Gaming, Atlantic City, NJ* 2007 - 2012
• Achieved 99% uptime for roughly 200 gaming machines using network troubleshooting, software configuration management, and dispatching technicians
• Replaced error-prone manual backup procedure with script, resulting in 100% accuracy.
• Built test system that was used to mitigate operational impact during software upgrades.

Publication

Undergraduate research resulted in journal publication, presented at Supercomputing Conference 2009: J. Russell Manson, Dali Wang, Steve G Wallis, Richard Page, Michael J Laielli, A massively parallel semi-Lagrangian algorithm for solving the transport equation, Procedia Computer Science, Volume 1, Issue 1, May 2010, Pages 327-335, ISSN 1877-0509, 10.1016/j.procs.2010.04.036.

See my website for more information and examples of my work at www.rpcodes.biz