

Summary of Qualifications

Over a decade of experience creating cutting-edge web applications that focus heavily on providing proven, stable and scalable server-side services and easy to use user interfaces. Repeatedly demonstrated an ability to rapidly learn new technologies and domain knowledge.

Skills

Core Languages: Java (Spring, Hibernate), Grails, Objective-C, C, C++, JavaScript, PHP
JS Frameworks/Libraries: Node, jQuery, Angular, Ext, React
Database: MySQL, PostgreSQL, Aurora, Solr, DynamoDB, MongoDB, H2, SQLite
Geospatial Libraries: Cesium, Google Maps, Leaflet, Bing Maps, OpenStreetMaps
CMS: Drupal, Magento, Wordpress, Joomla, Slim Framework, Tonic
Dev Ops: *Admin:* Linux, BSD, Mac & Windows; *Config:* Salt, Puppet, Docker
AWS: SQS, EBS, EC2, ECS, S3, RDS, ElastiCache, Lambda, API Gateway

Experience

Senior Geospatial Developer, NBT Solutions, Portland ME – Feb 2016-PRESENT Contract

Worked with product owner to create stories to capture the requirements for the feature I was assigned. Designed the data models necessary and implemented an extendable and scalable RESTful API interface. Designed UX and implemented it into the existing Angular application.

Senior Software Developer, Vets First Choice, Portland ME – 2015-Feb 2016

Extend existing Java backend APIs and applications to support new feature development. Migrate Java applications from Spring 3 to Spring 4. Spearhead RESTful API design for 3rd party application integration. Internal diagnostic tool development. Proof-of-concept development for migrating existing infrastructure from physical servers to a tightly integrated and highly scalable AWS application.

Senior Software Developer, Portland Webworks, Portland ME – 2011-2015

Design and development custom web/mobile application solutions using a range of technologies such as Java, Objective-C. Build Java Restful services using Hibernate and Spring to scaffold and interact with both databases and external SOAP and Restful APIs. Maintain concurrent development on several projects with differing technology stacks. Assist in new business building proposals and estimates.

Principal, Astronaut Software, Scarborough ME – 2006-PRESENT

Created and maintain ISSTracker.com. Contract-based development on Windows on Earth. Develop proofs-of-concept to explore new technologies that will further the project. Orchestrate the combination of applications, scripts and third-party tools that makes Windows on Earth tick.

Education

Wentworth Institute of Technology, Boston MA – MS Technology Management, Present: GPA 3.95
Wentworth Institute of Technology, Boston MA – BS Computer Science, 2003

Military Service

Honorably served in the US Navy