SEAN MURRAY

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Integrated systems developer with 6 years of professional enterprise development experience and 10+ years total of general programming and development. Performed in collaborative environments utilizing Agile Development and SCRUM Cycle methodology in close-knit teams. Designed and built out applications on internal systems in use by both billable consultants and management which resulted in secure data streamlining and increased profitability for the company overall. Often performed R&D on new technologies for viability and quick adoption as a lead resource. Charged with database management and optimization. Developed with a multitude of frameworks and languages on major platforms, with an emphasis on web development in the LAMP stack.

SUMMARY OF QUALIFICATIONS

- ➢ 6 years of professional software development.
- ➢ Adept at R&D and picking up new technologies and becoming a lead resource.
- ➢ Experienced in co-development in numerous long term projects.
- ➢ Has managed and been involved in conception, design and programming phases in the development cycle.
- ➢ Optimized and administrated ORM in databases.
- ➢ Designed and deployed highly scalable architectures with redundancy.
- ➢ Well versed in navigating and administrating local and remote systems and their applications.

TECHNICAL SKILLS

Languages	Python, PHP, Java, C, Perl, SQL, Bash Shell Scripts, Node.js, SOAP/WSDL, Javascript, XML, XSLT, HTML, CSS
Frameworks	Twig, Ember.js, CodeIgnitor, CakePHP, Qt
Databases	MySQL, Postgres, SQLite, MSSQL Server 2008
Software	SVN/BZR/GIT, MySQLWorkbench, Apache, VMWare, Web Performance Tools (YSlow, PageSpeed, Debugger Tools)
Concepts	OOD (Object Oriented Design), MVC (Model View Controller), ORM, Unit Testing
Platforms	Unix/Linux, Mac OS X, Windows, Android, Wordpress

PROFESSIONAL EXPERIENCE

IT Consultant 2011-Present
Novacoast Inc., Santa Barbara, CA

Web Application Development: Worked with a 5-8 man team for 2 and a half years on an online social media collaboration SAAS. Designed core pieces of the application, from conception and wire framing to functional production ready code. Responded to and closed out bugs in a ticketing system. Performed R&D on new technologies. Helped design a highly scalable architecture. Developed a Multimedia Demuxing Transcoder for the POC, which utilized XML, PHP and ffmpeg to intake a set of parameters and file names of multimedia (video, audio, images) and create a single media file with fade in/out capabilities and more. Programmed third party integration pieces.

- ◆ Created stylized functional pieces of an application from image mockups.
- ◆ Built out POC (Proof of Concept) for initial proposal.
- ◆ Developed in backend (PHP, MySQL, Apache) and front end (HTML, CSS, JS and more) branches.
- ◆ Utilized MVC concepts and a custom mix of Agile Development and SCRUM methodology.

R&D Developer 2007 – 2011
Novacoast Inc., Santa Barbara, CA

Enterprise Software Development: Developed a key component to a software synchronization engine that queried an application for information and mapped acquired data to a schema for dissemination across connected systems.
Internal Systems: Built out applications utilized by management to track current standings. The application provided at-a-glance dashboards describing current and forecasted utilization of consultants/employees, including hours/days booked as well as geographical location. Developed a Restful invoicing system. Provided a SOAP interface for sensitive information acquisition.
OS Development: Development on a Linux platform, which streamlined application installs on a server through a secured web interface. Built simplified installation scripts for enterprise software in order to obfuscate the process from the system administrator.

- ◆ Programming involved advanced python scripts, PHP, XML, XSLT, MySQL and web technologies.
- ◆ Developed invoicing and forecasting applications

◆ Database management and optimization.
◆ Built out multiple management applications on internal systems.
◆ Developed simplified installation scripts for enterprise software and created shell scripts.

Web Developer   2006
Mesa Communications, Santa Barbara, CA

Website Customization: Coordinated and implemented desired design changes with website administrator. Implemented efficient data retrieval strategies on large line item requests.

◆ Performed duties of website administration and development.
◆ Planned strategic and cohesive development with management.

System Administration / Helpdesk   2004
Novacoast Inc., Santa Barbara, CA

Service Desk: Interacted with employees on network and system issues. Made modifications to user accounts when requested. Worked on Linux systems.

◆ Responded to tickets and in coming calls.
◆ User vault administration involving LDAP and eDirectory.

EDUCATION

Santa Barbara City Collage, Santa Barbara, CA
Computer Science
Languages: Java, C, C++, Pascal, Assembly, Javascript, XHTML, XML
Concepts: Object Oriented Programming, Data Structures, Programming Fundamentals, Linux Administration

Awards/Honors
Bug Squash Competition, 2010

Presentations

About	At	On	Link
Adoption and benefits of using jQuery	UCLA	12/2011	https://speakerdeck.com/smurraysb/ucla-jquery

References available upon request