Nicholas Stewart

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Objective

Seeking fulltime employment as a Senior Developer.

Skills

- Leadership: Technical team lead at 3 companies, responsible for coordinating with business owners, translating business requirements into software specifications, and communicating projects' progress to all stakeholders.
- Methodologies: Agile, TDD, XP, Kanban
- Databases: PostgreSQL, MySQL (MyISAM, InnoDB, and Percona) with large datasets with 1,000,000,000+ records.
- Platforms: Ubuntu 12 LTS & 14 LTS, OSX
- Programming Languages: Ruby and PHP
- Web Development: Ruby/Rails with Unicorn/Nginx on Ubuntu, Heroku, LAMP Stack, Server Provisioning, General Server Administration
- Office: Word, Excel, Outlook, Powerpoint, Pages, and Keynote

Experience

Technical Manager, OC Tanner, Salt Lake City, UT   **2014 – present**

- Manage priorities & progress for a team of 11 developers (5 backend ruby/rails, 2 web front-end, 2 iOS, and 2 Android)
- Regularly Coordinate & Communicate with Product manager, Designers, Client services, and Sales Team
- Maintain a healthy balance between developing new features, fixing bugs, resolving client issues, refactoring troubled areas of the code bases, and making strategic scaling decisions while keeping test coverage above 95%.
- Manage a complex project with numerous components:
  - API integration with multiple wrist wearable devices (e.g. FitBit, Jawbone, Garmin, iFit, etc) to pull data in to the main system hourly for thousands of users.
  - Maintain a backwards compatible API which is consumed by an iOS app, Android app, and web frontend.
  - Provide real-time data to each user, and near real-time aggregate data
  - Integration with external services like Stripe, S3, Cloudinary, SalesForce, and Facebook

Senior Ruby Engineer, MoneyDesktop, Provo, UT   **2012 – 2013**

- Implemented a Financial Data Synchronization system that pulled in millions of account & transaction records from Online Banking Providers using Financial Exchange protocols OFX, CUFX, and MDX.
- Assisted in the design of a proprietary Financial Exchange protocol used by MoneyDesktop.

Senior Ruby Engineer, One on One Marketing, Lehi, UT   **2011 – 2012**

- Team lead of the Distribution software team, which controlled the rates buying/selling of leads from numerous vendors/clients for an 80 million dollar company.
- Developed a genetic algorithm to automate the distribution process, reduce the time for feedback, and decrease reliance on manual processes.
- Member of the company's Software Architecture Review Board.

Senior Ruby Engineer, GlobalBased, American Fork, UT   **2008 – 2011**

- Team lead in the architecture & development of a large-scale data mining system which processes 1 million emails each day including: crawling multiple social sites for each email, parsing crawled pages for relevant

information, filtering out unwanted data, aggregating all data gathered from different parsed pages for each email, and exporting the results in batches of 50,000 emails.
- Created a system to do random sampling of exported data to check data integrity and accuracy of parsers.
- Designed an extensive monitoring system that regularly checked the health of numerous servers and kept track of progress rates of emails processed, making predictions on when a large order of emails (i.e. 20 million) would be complete.
- Worked on a financial prediction system, creating tools to find profitable prediction models for Foreign Exchange Markets.

Commercial Real Estate Agent, The Tollstrup Group, Salt Lake City, UT   **2007 – 2008**
- Transaction specialist assisting in difficult site acquisitions and dispositions for multifamily properties in Utah, Kansas, Iowa, and Texas.
- Assisted in property management for 113 apartments in Utah, Colorado, Iowa, and South Dakota.

Ruby/PHP Developer, My eBiz, American Fork, UT   **2005 – 2007**
- Assisted in the architecture and development of a wholesale sourcing application with 30,000+ customers and 250,000+ products.
- Updated a custom CRM with 100,000+ customers and implemented stored procedures to increase speed.
- Architected, developed, deployed, and maintained numerous small LAMP web applications.
- Assisted Marketing with SEO, Landing Page Creation, Google AdWords, Aweber, and WordTracker

Education

Bachelor of Science in Computer Science   **2005**
Brigham Young University, Provo, UT

References available upon request.