Julian Simioni

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New York, NY

SENIOR BACKEND SOFTWARE DEVELOPER

Experienced backend developer and open source community builder. I've built systems that scaled to over 100 million users. Firm believer in the power of effective teams and good communication. Private pilot, cyclist, public speaker.

WORK EXPERIENCE

New York, NY

July 2015 - current

Mapzen (Samsung Accelerator)

SENIOR SOFTWARE DEVELOPER

Core team member of the open-source Pelias geocoder project and corresponding hosted SaaS product, Mapzen Search

Prototyped and onboarded developers to a Kubernetes based infrastructure on AWS

Developed features and techniques for processing and searching global datasets under constant flux as part of a distributed team across several time-zones

Mentored interns and open source contributors

Created new tools and team workflows to improve testing, continuous integration, code review, on call procedures, and load testing

Identify service bottlenecks leading to a 5x performance increase and (separately) a 40% reduction in server costs

Supported external customers and community members with bug triage, setup, feature requests

Evaluated technology for improved operations including Terraform, ECS, Docker, and Kubernetes

Presented on geocoding and systems related topics at conferences, workshops, and other outreach events

San Francisco, CA

May 2013 - October 2014

42floors (YC W12)

FULL-STACK SOFTWARE DEVELOPER

Led product design and engineering for an online service for commercial real estate brokers written with Backbone and Ruby on Rails.

Built a code deployment system that allowed for any team member to perform easy A/B testing of large changes to both browser and server code.

Completed numerous projects from the infrastructure to front end as part of a small, focused team of developers, working on a mix of internal and external software.

San Francisco, CA

March 2013 - May 2013

Goodreads

FULL-STACK SOFTWARE DEVELOPER

Contributed features to a browser based e-reader app written in Backbone with offline support, extensive use of Web Storage and other then new browser features.

Improved implementation and testing of the self-serve advertisement payment platform.

San Francisco, CA

Aug 2009 - March 2012

Zynga Inc.

BACKEND SOFTWARE ENGINEER

Worked in multiple fast-paced, high growth game teams, focusing on backend development and systems scalability. Occasional forays into frontend development, security, and product design.

Core member of the ops team for Farmville, supporting the game while it grew from 10MM daily users to 32MM in 3 months.

Founding member of Zynga central ops team supporting multiple new games during the entire launch process.

Developed and helped teams transition to an automated VM configuration management system that is used on multiple deployments of 5000+ servers.

Designed, implemented, and shipped a code deployment system built on Zookeeper and BitTorrent capable of deploying to 30,000 servers in under 5 seconds.

Mountain View, CA

Intuit Inc.

Jan 2009 - Aug 2009

SOFTWARE ENGINEER

Developed automated performance tests for a rapidly evolving Flex-based web application.

East Lansing, MI

Michigan State University High Performance Computing Center

Sept 2006 - Nov 2007

INFRASTRUCTURE DEVELOPER

Built and supported tools to facilitate computationally intensive university research. Maintained and improved on premises high performance computing systems consisting of hundreds of servers.

EDUCATION

East Lansing, MI

Michigan State University

Fall 2008

B.S. COMPUTER SCIENCE

GPA: 3.4/4.0
Cognate (Minor): Business
Cycling Club: President (2 years), webmaster (3 years)
Notable course work: algorithms and object oriented design (C++), SPARC assembly programming, 3D graphics with OpenGL, compiler design (C++).

SKILLS

- Most experienced with Javascript, Ruby, C. Projects completed in Python, Scala, Java, Go, PHP, C++, Bash, HTML, CSS, SQL, many others.
- Public speaking: RailsCamp, Rocky Mountain Ruby, JSGeo, FOSS4g, GeoNYC, more
- Volunteer mentor: RailsBridge, CoderDojo, HackerHours
- CCNA (Cisco Certified Network Associate) 2004-2007
- US Private Pilot License issued 2012
- Spoken languages: English (fluent)
- Citizenship: USA, Italy

References available upon request.