DAVID W. BEHROOZI

Software Engineer

8533 Densmore Ave N.   (303)-949-2727

Seattle, WA, 98103   david@davidwbehroozi.com

SUMMARY

Experienced Java engineer, versed in building and operating cloud-native, secure, massively scalable, and highly available web services. My passion is to transcend the requirements, build software that creatively accelerates the future and to nurture growth amongst my peers.

WORK EXPERIENCE

Amazon Web Services, Seattle, WA.   *September 2013 – Present*

Software Engineer III leading the design, implementation and launch of the Amazon Cognito suite of web services. http://aws.amazon.com/cognito/

- Amazon Cognito User Pools - A standalone identity provider for authentication of end users.
- Amazon Cognito Identity - A token vending machine for identities and scoped, time-bound AWS credentials.
- Amazon Cognito Sync - A service to sync data across end users' mobile devices and the web.
- Built "god Mode", a tool teams across Amazon use to run DevOps with 1-click from a wiki.
- Certified speaker - presented at Re:invent four times.

Amazon.com, Seattle, WA.   *July 2006 – September 2013*

Software Engineer I-III developing services and protocols for the B2B EDI messaging platform.

- Key player in the evolution of the platform from xml configuration to a cloud native web service.
- Built a tracking service to trace and consolidate status as messages traverse the platform.
- Built the horizontally scalable AS2 and SFTP servers serving all Amazon.com B2B EDI traffic.
- Optimized the platform to enable up to 100x faster message processing performance.
- Built web applications to configure and perform DevOps on the platform.
- Built a self-service alarming platform for monitoring partners and infrastructure.

Lockheed Martin Military Support Program, Littleton, CO.   *December 2002 – July 2006*

Software Engineer I-II responsible for developing classified Java applications for spacecraft calibration.

- Co-developed and designed 3 major classified software applications for spacecraft calibration.
- Built a GUI builder and framework to simplify the development of all of the teams' Java UIs.
- Built a web application for personnel clearance management.
- Key player in the adoption of the Java programming language in developing future applications.

EDUCATION

B.S. Computer Science, Iowa State University, Ames, Iowa. May 2002. (GPA: 3.70/4.0.)