

| Aaron Korver | |
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| <h2 data-bbox="170 331 634 384">Executive Summary</h2> <p data-bbox="191 436 1049 531">Highly motivated nerd who has excellent communication skills, works well with others and delivers high quality solutions. Portfolio available at https://github.com/aaronkorver/portfolio</p> <h2 data-bbox="170 653 524 705">Skills Inventory</h2> <ul data-bbox="266 730 984 1394" style="list-style-type: none"> • Over 18 years of experience with programming and Open Source technologies. • Expert in automation tools and techniques. • Strong mentoring and coaching abilities. • Experience in object-oriented analysis and design. • Professional experience with n-tier architecture, distributed systems, and messaging services. • Built highly scalable systems capable of handling 10,000+ msg/sec • Community technology leader and speaker. • Strong knowledge of J2EE architecture. • Understands the entire development process, including project planning, systems analysis, technical specification, documentation and quality assurance. • Experienced in relational database design, complex queries and transactions. • Solid communication skills. • Knowledge of testing at the unit, functional, and integration level • Good exposure to business knowledge of the retail, financial, insurance, mortgage, and health care industry. | <p data-bbox="1268 275 1502 300"><u>Industry Experience</u></p> <p data-bbox="1153 306 1502 365">Retail, Financial Services, Insurance, Medical, Mortgage</p> <p data-bbox="1203 401 1502 426"><u>Programming Languages</u></p> <p data-bbox="1188 432 1502 491">Java, Kotlin, SQL, Scripting languages</p> <p data-bbox="1219 527 1502 552"><u>Front-end Technologies</u></p> <p data-bbox="1151 558 1502 583">Spring MVC, REST, Javascript</p> <p data-bbox="1200 621 1502 646"><u>Server-side Technologies</u></p> <p data-bbox="1109 653 1502 774">Kafka, Akka, Jaeger Tracing, EJB, JMS, JDBC, JNDI, JAAS, Servlets, Hibernate, Spring, Spring Boot, Apache Camel</p> <p data-bbox="1256 812 1502 837"><u>Relational databases</u></p> <p data-bbox="1179 844 1502 903">DB2, Oracle, MSSQL Server, MySQL, Postgres</p> <p data-bbox="1292 940 1502 966"><u>NoSQL databases</u></p> <p data-bbox="1169 972 1502 997">Cassandra, MongoDB, Redis</p> <p data-bbox="1295 1035 1502 1060"><u>Web/App Servers</u></p> <p data-bbox="1123 1066 1502 1125">Apache Tomcat, Weblogic, Websphere, Glassfish</p> <p data-bbox="1435 1163 1502 1188"><u>Tools</u></p> <p data-bbox="1110 1194 1502 1253">IntelliJ, Gradle, Git, Github, Drone, Maven, Jenkins, Eclipse, Jira</p> <p data-bbox="1409 1291 1502 1316"><u>DevOps</u></p> <p data-bbox="1198 1323 1502 1413">Docker, Kubernetes, Chef, Ansible, OpenStack, AWS, Artifactory</p> <p data-bbox="1412 1451 1502 1476"><u>Testing</u></p> <p data-bbox="1153 1482 1502 1541">JUnit, Spock, Fitnesse, DBUnit, Watij, Mockito, Selenium</p> <p data-bbox="1193 1579 1502 1604"><u>Education & Certifications</u></p> <p data-bbox="1166 1610 1502 1701">BS in Computer Science and Mathematics Drake University</p> <p data-bbox="1234 1738 1502 1764">Certified Scrummaster</p> |

Summary of Experience

Professional Experience

Target (August 2014 - August 2018)

While at Target I've held two different positions. In addition to these roles, I also was highly active within the internal engineering community.

- I interviewed over 150 people to help with hiring. I represented the company at JavaOne for two years in our booth.
- I held classes to teach and mentor on topics such as Kotlin, Kafka, and Kubernetes.
- I created a social chatbot called "Spotbot" that was worked on by more than 300 different people.
- In seeing a need for cross team sharing I created "Wednesday Tech Lunch" and have held 146 sessions. Talks range from teams sharing something they made, to hosting the creator of Gradle Hans Dockter.
- Organized GitHub training for 300 engineers over five days.
- Gave numerous talks at our internal organized events
- Heavily involved in Tech Brand and helped create www.codewithtarget.com

Principal Engineer (January 2017 - August 2018)

- Enterprise Inventory

This project involved aggregating all inventory changes across the Target network into one single source of truth. Data comes from stores, warehouses, third parties. Each system that is integrated to is custom. Heavy use of Kafka and Oracle. As Principal, responsible for guiding the five teams involved (one offshore) and coordinating with Product Owners. Also responsible for coordination within the larger supply chain efforts within Target.

Lead Engineer (August 2014 - December 2016)

I worked in Target Digital space on two major projects:

- Ratings and Reviews

This project provided the backend APIs to power all product reviews on Target.com. It was used daily by millions of people shopping for products. Also integrated with syndicated partners to pulling 18 million reviews into the system. Powered with Cassandra and MongoDB.

- Recommendations

Built and designed a recommendations rule override tool. This tool allowed for custom built rules to be inserted into data driven recommendations. Built with Akka.

Independent Consultant (January 2014 - August 2014)

Prime Therapeutics (via Tek Systems) – Tech Lead, Agile Coach

- Provided advice on technologies for the GuidedHealth project. This included mentoring junior developers, assisting architects with coming up with solutions for Big Data, and helping with source code control techniques.
- Helped coach a team of 20 people on agile practices. Coached on iteration length, retrospectives, estimating techniques, and long term planning strategies.

Solution Design Group (November 2011 – December 2013) - Senior Java Developer

Solution Design Group places contractors on different project throughout the Twin Cities. I was a Senior Java Developer there. While at SDG, I worked on these two projects:

Thomson Reuters FindLaw (June 2013 - Dec 2013)

- Re-Designed the Vendor Management System into small components orchestrated by Apache Camel.
- This system was responsible for sending approx 1000 requests to vendors for content fulfillment each week.
- Mentored two junior developers on the use of Spring and Camel.
- The redesign allowed for faster implementation of new business opportunities.

Healthpartners (Nov 2011 - May 2013)

- Helped finish the project www.yumpower.com after another developer left the team and project. Took it from an emergency state to a released state in one month. Also supported iOS app of the same name.
- Wrote all the backend services for the current <http://m.healthpartners.com> mobile application. Designed and documented all RESTful services for the iOS myHP app.
- Created SMS query campaign that serves financial data to HP users using a short code and integration with Clickatell SMS services.
- Created SMS push campaign for yumPower that pushes healthy tips to users.
- Created the myPharmacy section of the mobile web experience allowing users to refill prescriptions on their mobile web browsers.

The Clifton Group (January 2010 – November 2011) - Senior Java Developer

Farm Bureau Financial Services (July 2007 – December 2009) - Application Consultant

Source Allies (May 2005 – July 2007) - Software Engineer

Source Allies is a contracting company. While here I helped mentor employees on agile techniques. During this time I mainly worked at the following clients.

- Iowa Foundation for Medical Care (June 2006 – April 2007)
- Citigroup Mortgage (June 2005 – June 2006)

Fiserv Insurance Solutions (May 2000 – May 2005) - Software Engineer

Drake University (Sept 1999-May 2001) - Teaching Assistant

Community Involvement

Minneapolis Skyway Symposium Co-Organizer

- I help run and organize this meetup, approximately 2200 members

Minneapolis Skyway Symposium Presenter - June 2017

- Presented "[What's new in Java 8](#)"

Minnesota Agile Experience – April 2012

- "Agile Games for Team" was presented to the group of about 15 people, for 1 hour 30 min.

Ignite Minneapolis Presenter

- Presented in [Ignite #4](#) in front of approximately 500 people live and streaming online.
- Presented in [Ignite #6](#) in front of approximately 800 people live and streaming online.

Central Iowa Java User Group Presenter – November 2005

- Presented the "Testing Toolbox" to approx 30 people (1.5 hours). The presentation involved demos of 20 different open source testing tools and a short evaluation of each.

Central Iowa Java User Group Presenter – January 2007

- Gave a lightning talk (15 min) about an overview of Scrum.

Central Iowa Java User Group Presenter – February 2007

- Shared with the group a Fitness fixture that hooked together Watij and Fitness. (30 min).

Iowa Code Camp Presenter – June 2009

- "Agile Games for Teams" was presented at the Iowa Code Camp at Cedar Rapids. This presentation was about games a team could use to teach agile concepts.

Iowa Agile User Group Member (Group creation – December 2009)

- I've participated in almost all of the agile user group meetings that have been held. I've given a demo of my tracking spreadsheets for the group.

Central Iowa Java User Group Leader (January 2007 – December 2009)

- I am in charge of the meetings for the Central Iowa Java Users Group. This involves finding presenters, arranging locations and contacting sponsors.
- Increased the membership on the mailing list from 70 to 130 and increased meeting participation by 10%. Also increased the traffic on the mailing list by 200%.