

Barrett Cervenka

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SUMMARY

Technology enthusiast with a passion for solving technical problems and interfacing with internal and external customers. Looking for roles within engineering management or senior individual contributor.

EXPERIENCE

Principal Consultant, Northscaler (formerly SciSpike), Austin, Texas

2012-present

- Involved in all technical aspects for Northscaler client engagements

Client: Pratexo (2021-present)

- Implementation of MVP designed to configure and install architectures for edge computing.
- Technologies: Node.js, Kafka, MongoDB, Kubernetes, Google Cloud, Docker, REST, Gitlab CI/CD

Client: Apostrophe Health (2020-2021)

- Transitioned a backend consisting of stored procedures into smaller event driven micro services
- Technologies: Amazon SQS/SNS, MongoDB, Node.js

Client: AbleTo (2018-2020)

- Design and implementation of new architecture transitioning legacy Laravel PHP & relational database to a performant, event driven stack
- Design and implementation of greenfield claims processing pipeline
- Technologies: Google Cloud, Kubernetes, Helm, Docker, Cloud Functions, Google Pub-Sub, Mongo Atlas, Node.js, REST, Gitlab CI/CD, Integrations with Mahler Health & Eligible.com

Client: Northwestern Mutual (2017-2018)

- Design and implementation of data integration service for the Investment Performance Services organization.
- Created a set of Node.js micro services that integrate with SOAP and REST based third parties storing trade-related data to & from financial partners
- Technologies: Node.js, Kubernetes, Docker, Redis, MySQL (Amazon RDS), Ansible

Client: City of Denver, Smart City Pilot Project (2016)

- Design and implementation of IoT pilot project to detect road, traffic, and hazard conditions from sensors in city vehicles to cloud-connected, roadside units feeding monitoring dashboard and triggering alarms upon evidence of accidents
- Technologies: Scala, Spark, Java, Kafka, MongoDB, Docker, Node.js

Client: New York Blood Center (2015)

- Design and implementation of edge & cloud services to collect and upload blood donation information via employees' mobile devices
- Technologies: Node.js, Express, REST, MongoDB

Client: Blueberryhome (2015)

- Design and implementation of application designed to connect neighbors with service professionals in select neighborhoods
- Technologies: AWS, Node.js, MongoDB, Angular

Client: AMC Health (2014)

- Design and implementation of a clinical trials Android app with Node.js backend.
- Patient application includes several custom Cordova plugins for Bluetooth communication with health devices and real time chat and video communication
- Technologies: Node.js, MongoDB, Cordova, Java, Android

Client: OneDegree (2012-2013)

- Design and implementation of intelligent application focused on connecting potential employees to employers with ideal workspace culture
- Technologies: Java, Spring, AspectJ, Groovy, MongoDB

Senior Software Engineer, Early Warning, Austin, Texas

2012

- Design and development of web services and reports for the First Party Fraud Services product
- Primary technologies include Java, Spring, Oracle, JBoss

Software Engineer, Electronic Arts, Austin, Texas

2011-2012

- Design and development of EA's highly scalable commerce, user identity, and product entitlement platform which services 220 million users
- Interaction globally with game teams to help design best HTTP REST APIs for their needs
- Participate actively in an Agile development process, including development of task descriptions and scope estimation for allocation into sprints.
- Primary technologies include Java, OSGi, Spring, Hibernate, Oracle, JUnit

Senior Escalation Engineer, Open Text (formerly Vignette), Austin, Texas

2010-2011

- Member of the Level 3 Customer Support team primarily tasked with supporting Open Text Web Experience Management (formerly Vignette Content)
- Patch development and debugging included Java, SQL, Javascript, and CSS primarily on Oracle Weblogic application server

Senior Software Engineer, Vignette Corporation, Austin, Texas

2005-2010

- Lead developer of upgrade framework for the Vignette Content product, which handles all object transformations, schema updates, and file system updates using Java
- Led offshore development and QA team in Hyderabad, India by managing resources, monitoring progress, providing development support and guidance.

Automation Engineer, Vignette Corporation, Austin, Texas

2001-2004

- Developer and project lead of a tools automation team that serviced the entire Engineering organization resulting in a savings of weeks of install time.

QA Engineer, Vignette Corporation, Austin, Texas

2000-2001

- Designed and implemented test scenarios across all three APIs that Vignette supported at the time: Tcl, ASP, and JSP.

EDUCATION

Texas A&M University, College Station, Texas
B.S., Computer Engineering, 1999