

# BRENT PANTHER

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## EDUCATION

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### **Bachelor of Computer Science**

The University of Iowa – Iowa City, IA

**May 2007**

## SUMMARY

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- Skilled Android developer with experience in design, development, and testing of Android apps with several Android apps published on Google Play.
- Strong background with many widely used Java tools including MVC web frameworks, application/web servers, as well as knowledge of proper object-oriented design principles.
- Java/J2EE/Spring developer with 9+ years' experience, including project work involving large N-tier applications with asynchronous communication.
- Experience with Django, Django Rest Framework, and Python.
- In depth knowledge of many database systems including query optimization.
- Experience working in an Agile environment, including iterative development and continuous integration.
- Hard worker with enthusiasm for technology and passion for learning new things.
- Languages: Java (& Android), SQL, Python, Groovy, JavaScript
- Android Libraries: RxJava/RxAndroid, Retrofit, EventBus, Butterknife, Picasso, IcePick, OkHttp, and more.
- Other: Jenkins/Hudson, EJB, JMS, AWS, Selenium, Ant, Maven, JUnit, EasyMock, Mockito

## EXPERIENCE

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### **Senior Software Developer**

Maestro Health

**May 2016 - Present**

Developed new features for the core product, a platform for enrollment and management of employee health and benefit products. Backend development was done with Python and Django, including Django Rest Framework and Celery with Redis for asynchronous tasks.

Built an Android app for members to access benefit information, including claims and deductible information.

### **Technical Lead / Lead Android Developer**

Lextech Global Services

**October 2013 – May 2016**

Led development teams in technical design and creating client applications, assisting the project owner with client communications, mentoring junior developers and reviewing code. I mentored interns, interviewed candidates for developer positions, and was involved in many project estimations and ideations to design solutions for potential clients.

Accomplishments:

- Improved database performance of an in-house mobile analytics platform.
- Improved company-wide development processes including improving code quality, evaluating and recommending tools and frameworks, and improving our continuous integration server.
- Led a number of app rescues to fix issues with clients' existing apps.
- Created an application for Sonic Automotive to browse and compare dealership inventory, which utilized the new Material Design animations and transitions.
- Developed an Android app for delivery drivers to track loading inventory onto vehicles and delivering to customers.
- Built 2 applications for Johnson Controls, which allow users to view and create service requests and manage purchase orders. As Android team lead, I worked closely with the iOS team lead to maintain app feature parity.

- Developed the next generation of LexRay mobile apps, a video command center platform that allows access to multiple cameras and video systems.
- Developed the LexCam app, an application that allows using a mobile device's camera to stream video to the LexRay system.

**Senior Software Developer**

**September 2011 – October 2013**

KeyLimeTie

Lead Android developer on several applications:

- MojoBistro - A platform for creating and publishing Android applications from information entered on the main website. Restaurants can create and manage their restaurants menus, pictures, and other information online and have an auto-updating custom application created.
- Pekin Insurance – Customers can view policies, cards, existing claims, and submit new claims.
- Naperville Running Company - View company news and events, also includes a pace calculator.
- PartsTown - Allows industry professionals to search and view manuals for restaurant equipment.

Enhancements, maintenance, and problem resolution for the AAA Auto Club Group website. Implemented projects for enhancing the login experience and adding features to the custom CMS framework.

Mentored and trained new mid-level and entry-level Java developers.

**Systems Analyst**

**May 2007 – September 2011**

State Farm Insurance

Developed and assisted technical design of a batch processing application, which enhanced capabilities of the policy rating engine, allowing actuaries to price premiums more accurately by testing the modification of rating elements across millions of policies. I also mentored other developers on the team and optimized queries, data structures, and code design to improve performance of the application.

The software was built to process several million records an hour and includes a web interface with user security and an administrative screen. The application was comprised of multiple EARs communicating asynchronously via JMS and Websphere MQ. Utilized J2EE, Spring, IBM PureQuery, Struts, Dojo, JSP/Servlets, RMI, complex DB2 queries, EJB transaction management including message driven beans.

**Application Developer**

**May 2006 – May 2007**

University of Iowa Hospitals – Department of Revenue Integrity

Developed and upgraded applications linked with a MS SQL Server database for use in analyzing hospital claims for anomalies and underpayments.

Found ways of improving productivity through automation of existing tools used by analysts.

**PERSONAL PROJECTS**

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**Simple Cryptocurrency Widgets**

I developed a few Android widgets that display the current trading price of Bitcoin and other cryptocurrencies on different exchanges. They support different themes, currencies, and refresh intervals. The code is open source and available on Github and the apps are published on Google Play and F-Droid.

**References Available Upon Request**