Michael Lake

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Architecture - Development - Leadership

Pragmatic problem-solver with over fifteen years experience developing software and leading teams. Emphasizes high-throughput, iterative workflows to mitigate risk and maintain momentum.

Technical Skills

PLATFORMS
Android(6 apps), iOS(2 apps), Java Servlets (10+)

LANGUAGES
Java, JavaScript/HTML5/CSS, Python, PHP, Objective-C, Bash, Scala, Kotlin

CLOUD/SERVER SOFTWARE
Amazon Web Services, Google APIs (App Engine, Data, Visualization, Maps), general REST API creation/consumption, Apache, Nginx, Jetty, Tomcat, MySQL, Mongo

TOOLS
IntelliJ IDEA, YouTrack, TeamCity, JIRA, Git, OmniGraffle

Professional History

ALLEYWAY CONSULTING, LLC | CHARLOTTESVILLE, VA — 2015–PRESENT

PRINCIPAL
- Providing custom software solutions

WILLOWTREE, INC | CHARLOTTESVILLE, VA — 2009–2015

DIRECTOR OF REPORTING AND ANALYTICS (11 MONTHS)
- Pioneered process to accurately implement mobile analytics correctly across various teams
- Created two products:
    - TrailMarker: iOS & Android libraries with plugin architecture to QA analytics in real-time using any analytics library
    - Mobile Performance Indicator: patent-pending visual depiction of app crashes across varying devices & environments

VICE PRESIDENT OF SOLUTIONS ARCHITECTURE (7 MONTHS)
- Assessed feasibility, technical architecture, and cost estimation for projects varying from $50k to over $1M
- Business development and networking at various conferences with frequent on-site visits with business leads

VICE PRESIDENT OF ENGINEERING (1 YEAR, 2 MONTHS)
- Internal process creation and hiring/team selection
- Management and quarterly reviews of engineering staff during mid-size business growth period (30+ employees)

ANDROID TEAM LEAD (7 MONTHS)
- Streamlined IDEs and toolset for team of 10+
- Pair-programming and code reviews
- Developed My Baby Today and My Pregnancy Today Android apps - multilingual content apps with millions of downloads

ANDROID DEVELOPER (11 MONTHS)

DEVOPS CONSULTANT (1 YEAR, 6 MONTHS)

MUSICTODAY | CHARLOTTESVILLE, VA — 2006–2008

SOFTWARE ENGINEER, PORTALS DIVISION (1 YEAR, 10 MONTHS)
- Introduced consistent build tools and unit-testing to team
- Architected and delivered enterprise J2EE web services
- Created efficient multi-format media-encoding tool for live concert uploads
- Deployed to high-availability, clustered environment across dozens of servers

NETVUE, LLC — 2005-2006, FOUNDER

INDEPENDENT CONTRACTOR — 2003-2004

NEXT CORPORATION/FIRSTNET — 2000-2001, SYSTEMS ADMINISTRATOR