

MICHAEL KIMSAL

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PROVEN SENIOR SOFTWARE ENGINEER

Staff Engineer • Principal Software Engineer • Enterprise Architect • Lead Engineer
Project Management • Mobile Application Development • Process Improvement • Developer Mentor

WORK EXPERIENCE

IT Consultant, Youngsville, NC

2008 – present

- Worked with Jarvus and IndeVets to develop marketplace for relief veterinarians and animal hospitals. System services 1500+ animal hospitals and 350+ doctors. Calendar subscriptions, QuickBooks invoice generation integration, built with Laravel (5-8), VueJS, PostgreSQL and related tech
- Built test coverage of IndeVets from 0% to 60% over 18 month period.
- Working with stealth-mode startup to develop ERP for independent film/media producers. Laravel, MySQL, Vue3/Quasar
- Manage 25,000 registrations per semester for the North Carolina Virtual Public Schools by distributing registration between schools and e-learning systems (Blackboard/Moodle)
- Established, marketed and grew the 1st coworking space in downtown Wake Forest, NC
- Contracted through Vaco to work with GetBuilt.com's development team to triage bugs/issues and increase unit tests and coverage
- Converted legacy desktop system to custom, web-based ERP encompassing mobile data collection, inventory management, service scheduling, retail/POS, and ecommerce integration
- Surveyed 300,000 teachers annually on teacher working conditions for 8 years
- Created MutualNDAs.com, an e-signing platform to send/receive mutual NDAs

BBH Media, Raleigh, NC

2005 – 2007

Senior Software Engineer

- Improved search functionality by migrating relational data to SOLR
- Reduced code execution through refactoring, code analysis and database optimization
- Introduced testing procedures, non-Java tools, and standard build process for PHP/Perl code

Prior Experience: QuickenLoans, Software Engineer; Fry Multimedia, Software Engineer

EDUCATION

Oakland University, Rochester, MI

Bachelor of Arts, Philosophy

TECHNOLOGIES

Server: PHP 3-8, Laravel, Zend. Java – Grails/Groovy/Spring

Data: MySQL 3-8, PostgreSQL 8+, SOLR, ElasticSearch, MeiliSearch

Cloud/Hosting: AWS, Azure, GCP, Linode, DigitalOcean

Frontend: Vue2/3, React, Vanilla JS, jQuery

Tools/Misc: IntelliJ/PHPStorm, docker, Linux/Mac, any as needed