Tim Hemmer

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SUMMARY

Primary focus of front-end development with full-stack experience. Life-long learner, multiple tech leadership roles, business-oriented, and a combined 17 years of professional experience with web and mobile application development.

EDUCATION

Masters of Business Administration (MBA) **-** GPA 3.94   *2008 - 2012*

University of Nebraska at Omaha

- Android Development, User Design, Management, Entrepreneurship
- Beta Gamma Sigma

Bachelor of Computer Science (CS) **-** GPA 3.65   *2001 - 2005*

University of Nebraska at Omaha

- Concentration in Internet Technology
- Dual major with Management Information Systems (MIS)
- Graduated Magna Cum Laude

TECHNICAL SKILLS

Languages / Technologies

Proficient: JavaScript, React Native, Ember, Angular, Node, Java, HTML5, CSS3, PHP, SQL
Experience: React, Python, C++, C, Robotics, AI, Machine Learning, Android

Full Stack Development / Tools

JavaScript/Web:
- React Native, Redux, Redux Saga, Realm, Ember, Angular 6, Backbone, Bootstrap, Jasmine
- Protractor, Qunit, Mustache, Handlebars, REST, Visual Studio Code, Intellij

Java:
- Spring 5, Spring Boot, Hibernate, Struts, GWT, Wicket, JSF
- IntelliJ, Eclipse, Maven, Git, SVN, ANT, JMeter, Postman

Software

Databases: Oracle, MySQL, Postgres, Microsoft Access, LDAP
Platforms: Macintosh, Microsoft Windows, Linux, Unix, DOS
Multimedia: Adobe Photoshop, Adobe Illustrator
Application Servers: AWS, PCF, Google Firebase, Heroku, Apache, Oracle WebLogic, Tomcat

PROFESSIONAL EXPERIENCE – FARMERS EDGE
2020 - CURRENT

Lead Mobile Developer

- Tech lead of a React Native mobile application built for farmers with 500+ acres
- Farmers interacted with supplies, fields, equipment, jobs, and live maps via Mapbox
- Custom company device integrated with phones/tablets via Bluetooth (BLE)
- Processed real-time data providing statistics and map (GPS) path visuals
- JavaScript, React Native, Redux, Redux-Saga, Realm, Reactotron, Xcode, Android Studio, Git

PROFESSIONAL EXPERIENCE – DYNAMO, LLC
2018 - 2020

Full Stack Web Consultant at First National Bank

- Consulting and pair programming daily on a rewrite of a highly dynamic web application
- Processing all types of consumer and business credit card applications
- Angular 6, TypeScript, Protractor, Jasmine, Java, Spring 5, Spring Boot, REST, PCF, Concourse, Git

PROFESSIONAL EXPERIENCE – D3 BANKING
2016 - 2017

Senior Software Engineer

- Small UI team constructed features for a web banking platform for multiple clients
- JavaScript, Angular.js, Backbone.js, Bootstrap, Angular Material, HTML, CSS, Git

PROFESSIONAL EXPERIENCE – GALLUP
2011 - 2016

System Application Developer

- Team lead of Ember project for Gallup's Employee Engagement (Q12) product
- Developed Java and JavaScript web applications serving Gallup Online products
- JavaScript, Ember, GWT, Java, JQuery, Bootstrap, HTML, CSS, Mustache, Handlebars, Git

PROFESSIONAL EXPERIENCE – UNION PACIFIC
2006 - 2011

Project Engineer

- Migrated legacy mainframe desktop client to a web-based application
- Technical lead of a virtual and formal team comprised of 9 Java / JavaScript developers
- Supported 2.4 million viewed pages a month with 18,000 users

Senior App Developer

- Designed and implemented a web scheduling application for engineers
- Supported 7 million viewed pages per month for mobile/web version for 30,000 users

Application Developer

- Architected applications with Java, JQuery, Wicket, Spring, LDAP
- Replaced legacy system for user security management for internal and external customers

TECH EXPERIENCE – INFINITE 8 INSTITUTE

2017 - 2018

Teacher / Teacher Assistant

- Educating on drone programming, robotics, self-driving cars, AI/machine learning
- Python, C++, Nvidia Digits, Caffe, TensorFlow, Unreal Engine, Microsoft AirSim, Linux

FREELANCER – STIXEL DEVELOPMENT

2016 - CURRENT

Create and maintain client websites and develop web applications