Mike Trakan

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Software Engineer (JavaScript Web Applications)

PointSource, LLC
2016 - present

Modular, efficient front-end architecture (AngularJS) for highly-customized form interfaces

UI/UX collaboration with lead designer ("Co-Design"); CSS/Sass expertise to bring designs to life

Works closely with backend Node.js developers to model RESTful APIs; Crafts front-ends/clients that consume JSON endpoints, handling asynchronous responses with promises for concurrent users

Test-driven development (Karma, Mocha/Chai/Sinon) with continuous integration (Jenkins) to ensure code quality

Agile sprint planning with project management; Efforts improved accuracy of estimations on first project

Lead Front-End Developer (JavaScript Web Applications)

Caxy Interactive
2014 - 2016

Cutting edge JavaScript (ES5, ES6/ES2015); Two years experience building enterprise applications and marketing sites with AngularJS 1.x, ReactJS, and related front-end technologies

Promoted to front-end leadership after first performance review. Provided front-end, UI/UX, and design contributions across all stages of development, from planning/pointing to development/delivery

Software Developer (JavaScript Map Applications)

SpatialPoint, LLC
2012 – 2013

Helped a small GIS (Geographic Information Systems) team build MVC JavaScript map applications for the telecommunications industry using Sencha's ExtJS framework and the Bing Maps API

Web Developer (Front-End)

Arc Technology Group
2011 – 2012

Emerged as front-end specialist on a waterfall team, providing custom jQuery components, Joomla 2.x templates, and customized administration interfaces for several MySQL back-ends

Through our team's efforts, the company reported a 40% profit growth, best in company history

GIS Specialist (Mapping Technologies)

Tutor/Mentor Connection
2008 - 2011

Merged design and GIS skills to develop strategy maps for a student-based non-profit

Wore several leadership hats: Organizer for a successful benefit concert fundraiser, curator of a public map gallery, and volunteer teacher for the program's 10th grade "Tech Club"

Teacher, Volunteer Tutor

Al Raby High School
2006-2008

Developed philosophies on leadership and social behavior during pursuit of graduate level degree in Education, while concurrently teaching/tutoring high school students at a Chicago Public School

Custom VB Plug-in Developer

Marsh USA (CS STARS)
2004-2005

Built and maintained custom Visual Basic plug-ins in a multinational corporate environment

Database Programmer, Web Developer

STATS, Inc
2000-2004

Received formal SQL training; Two-years developing PL/SQL programs to process real-time NFL game day data, while simultaneously converting legacy NFL data to Oracle 9i

Core Technology, Tools and Software Experience

JavaScript
ES5, ES6 (Babel); MV* Frameworks (AngularJS 1.x); Libraries (ReactJS/Flux, jQuery 2.x, Lodash, Immutable); Mobile (Ionic 1.x)

HTML5/CSS3
Handcoded HTML5/CSS3; Precompilers (Sass); UI/Responsive Frameworks (Bootstrap 3.x, Material Design, Foundation)

Web Services
Asynchronous Requests/Responses (AJAX, Callbacks, Promises); JSON; REST; API/Endpoint Design; Authentication/JWT

Testing, Code Quality
Unit Testing (Karma, Mocha/Chai/Sinon); ESLint; W3C Validators; Cross-Browser; Continuous Integration (Jenkins)

Databases
MySQL 5.x; MongoDB/NoSQL; SQL Server 2012; Oracle 9i; PL/SQL; Schema Design; Real-Time Data; Concurrent Users

Project Tools
Task Runners/Bundlers (Gulp, Grunt, webpack); Version Control (Git, GitHub); Package Managers (Bower, npm, Homebrew)

Design/Creative
Adobe CC 2015 (Photoshop, Illustrator); SVG; Prototypes; Marketing Materials; Music/Video Production

Soft Skills

Learning
Asks questions. Able to quickly learn modern front-end technologies and client requirements in agency-paced environments

Agile Teamwork
Strong attention to agile processes; Self-monitoring if required but a versatile, reliable team-player at heart; Knows role

Communication
Prizes mutual respect, trust, and face-to-face discussion; Not afraid to give honest, direct feedback when asked

Leadership Potential
Experience consulting, training, and mentoring; Graduate degree in Education; Strong belief in "lead by example"

Multimedia and Marketing

Independently wrote, produced and promoted two full-length CDs, released in 2007 and 2012

Technology: Sound Production; Audio Engineering/Mastering; Video Production

Design: Marketing Materials (Logos, Posters, Press Releases); CD Production Templates

Marketing/Leadership: Social Media; Editorial Calendars; Media Outreach; Artist Management

Education

Master of Education
DePaul University,
Chicago, IL

Teaching and Learning: Secondary Social Studies, Technology

Bachelor of Arts
University of Wisconsin
Madison, WI

International Relations, French

Training/Certifications

Object Oriented Design and Development Certificate
Loyola University
Chicago, IL