

Matt Mendick

Software Engineering Leader | Pittsford, NY | matt.mendick@gmail.com

Profile

Driven software engineering leader who excels at building teams of engineers who work cohesively through communication and trust. Communicates thoughtfully and professionally with internal and external parties across multiple time zones. Appropriately explains and discusses highly technical topics with non-technical individuals. Discovers and learns new technologies to grow knowledge of tools best suited to a task. Embraces the servant-leadership mentality to ensure teams are reaching their fullest potential and most efficient work.

Languages, Databases, Technologies and Tools

- Languages: PHP, JavaScript, SQL, Python, HTML, CSS, C, C++
- Databases: PostgreSQL, PostGIS, Oracle, MySQL
- Technologies: Titanium Appcelerator, Node.js, Mapserver, Memcached, Sphinx Search, Electron, Jenkins, Docker, Amazon AWS, QGIS, ArcGIS, GDAL
- Tools: Jira, Confluence, Visual Studio Code, Vim, Linux, Mac OS, Windows Server, Git, SVN

Professional Experience

Director, Software Engineering: EagleView | Rochester, NY | June 2019 - present

Manages Agile teams and technical leads responsible for internal and external applications, leads majority of the Rochester software engineering team

- Contributes to the direction of the greater department and external stakeholders regularly
- Communicates with the team on broader policies and department-level decisions
- Facilitates engineering resource allocation across projects and teams to ensure optimal coverage
- Responsible for keeping local department morale high and in check in the face of negativity
- Directly manages a mix of managers and individual contributors including a nearshore technical lead and engineering team

Software Engineering Manager: EagleView | Rochester, NY | March 2017 - June 2019

Managed 9+ engineers on two Agile teams responsible for both internal and external applications utilized daily by customers and operations staff.

- Lead the team from a technical, as well as managerial standpoint
- Worked closely with the product owner, breaks down user stories into actionable and testable tasks
- Worked closely with team members on goals to foster individual growth, aligned with the company's goals and the team member's career goals
- Identified and worked with team members who demonstrate exemplary work to elevate them for promotions within their career path or onto a different path aligning with their career goals
- Facilitated successful outcomes from conflict on the team or between teams
- Kept the team aligned with company and engineering department goals
- Lead the team through the creation of the first iteration of the microservice framework and first true microservice in the department as well as the migration to AWS

Engineering Team Lead: EagleView | Rochester, NY | March 2016 - March 2017

In addition to developing software, collaborates with product owners to ensure requirements are translated into actionable work items and technically manages team members to keep agile sprints on track.

- Broke down user stories into actionable and testable tasks, working closely with the product owner on requirements
- Developed software as a partial development team member
- Kept the team on track according to the sprint plan
- Together with the team architect, made technical decisions about design and direction of the software
- Communicated with upper management and non-engineer agile team members on progress

Software Engineer: EagleView (formerly Pictometry) | Rochester, NY | October 2009 – March 2016

Develops software for a leading oblique and orthogonal imagery provider for commercial and government customers across the country.

- Created and maintained GUI-based and API-based software for internal and external use.
- Collaborated with business requirement drivers to determine new features and products.
- Collaborated with customer service to solve customer issues quickly and efficiently.
- Development lead for: external oblique and orthogonal RESTful imagery API (Gateway), cross-platform iOS/Android mobile application (CONNECTMobile), RESTful tiled orthogonal image service
- Project lead for transactions-based billing model created to bring simplicity to billing.
- Maintained and extended legacy RESTful imagery API (Image Portal) until creating the next generation replacement product (Gateway).
- Designed and implemented a system to upload, process, and display customer uploaded GIS layer data
- Created a proprietary pyramid-based tiled image format C++ driver for GDAL.
- Created the original version of a large scale image reprojection and tiling infrastructure for unification of orthogonal imagery for external consumption.
- Implemented a unified and constantly reproducible development environment used by the department.
- Member of the application development framework steering committee.
- Developed side projects into shipping products or features. A series of mobile touch-interaction experiments became the basis for a cross-platform mobile application.

Web Developer: OmniPrepaid LLC | Pittsburgh, PA | August 2008 – September 2009

Developed shopping cart and other related web applications in PHP, JavaScript, HTML, CSS and AJAX for a leading provider of Visa-branded gift cards.

- Created technical specifications to meet business requirements.
- Developed web pages to design and functional specifications.
- Project and development lead of next generation merchant gift card inventory tracking software
- Translated technical requirements from regulatory organizations (e.g.; Patriot Act, 3rd Party Card Processor) into business rules

Geospatial Web Developer: LCDT Inc | University of Pittsburgh | 2008

Designed and implemented a location-based coupon recommendation and discovery service.

- Development lead of desktop and mobile location-based coupon recommendation service using PHP, PostGIS, HTML, CSS, and JavaScript.
- Utilized Google Maps APIs to display underlying geographical data in a meaningful way.

Intern: Level(3) Communications | Pittsburgh, PA | Fall 2007

Executed fiber-optic cable data entry and computation used to integrate and unify acquired networks into the Level(3) network.

- Utilized ArcGIS software suite for computation and data formatting.
- Wrote a customized script using ArcMAP to improve functionality and efficiency of point selection thereby reducing turn-around time and increasing data accuracy.

Education

University of Pittsburgh: Pittsburgh, PA | Fall 2003 – Summer 2008

Master of Science Degree, Information Science: Geoinformatics Track

GPA: 3.98, Graduated August 2008

Bachelor of Science Degree, Information Science

GPA: 3.2, Graduated April 2007