

Timothy James Pirog

Leader | Engineer | Designer



Innovative Leader passionate about digital transformation strategies and proven delivery of disruptive solutions throughout the engineering lifecycle in complex enterprise environments.

Expertise: business / software process design, big data analytics, customer experience design, system arch., and project / program / supply chain management

Full-Stack Engineer with proven record of delivering solutions through all phases of the development lifecycle (SDLC).

Expertise: requirements analysis, systems integration, interaction design, web dev., mobile application dev., database dev., devOps [CI & CD], and healthy skepticism

Digital Designer dedicated to creating customer-focused user experience (UX) and user interface (UI) in order to provide a seamless digital experience.

Expertise: graphic design, typography, digital standards, rapid prototyping, minimalism, and video production

RECENT PROFESSIONAL EXPERIENCE

Founder & Lead Engineer

Pickitup Technologies LLC, Bayonne, New Jersey August 2015 – Present

- Team lead in architecting, designing, and developing digital solutions for consumer platforms
- Implement microservice architecture utilizing Docker, AWS services, and Jenkins for deployment
- Lead DevOps effort in deploying company services throughout all stages of software development lifecycle
- Evaluate and integrate cloud services (AWS, Azure, GCS) for business alignment
- Deploy and maintain company private infrastructure to ensure maximum productivity (Atlassian, Jenkins, GitLab, Nexus, Slack, etc.)
- Manage and motivate team to ensure efforts are on track, high-quality, and within budget
- Source new revenue streams and client contacts to bring in business
- Manage core company activities ensuring proper direction in legal, finance, technology, and policy

Infrastructure Engineer (Oracle DevOps DBA / Exadata DBMA)

J.P. Morgan Chase & Co., New York, New York May 2012 – August 2015

- Created and deployed a Perl-based automation framework, cutting script creation overhead by 50%
- Led team in maintaining infrastructure (tool creation, support rotations, etc.)
- Designed and implemented multiple internal-facing web applications, reducing overhead by 20%
- Deployed, maintained, and supported over 36 Exadata clusters
- Defined and constructed a comprehensive model to evaluate major KPIs of agile ticket-based projects
- Developed and employed critical analytics for Oracle Exadata systems
- Successfully graduated from Technology Development Program (TAP)

PERSONAL INFORMATION

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TECHNICAL SKILLS

Analytics (Tableau BI, MATLAB)

Automation (Jenkins, Puppet)

Back-end (Apache Technologies, Docker, Django, Flask, Kubernetes, Meteor.js, Nginx, Spring)

Big-data (Cassandra, Hadoop)

Cloud (AWS [Solutions Architect Assoc.])

Cryptocurrency (Algorithmic trading, Blockchain, Smart Contracts, Solidity)

Database (Exadata [Oracle12c, OEM, ZFS], MongoDB, MySQL, PostgreSQL)

Design (Adobe CC, InVision, Sketch)

Front-end (Angular.js, D3.js, jQuery, Modern Preprocessors, React.js)

General Programming (Bash, C#, Java, JavaScript, Perl, Python, TypeScript)

Process Management (BPM, Camunda, Comidor, Visual Paradigm)

Machine Learning (Caffe, TensorFlow)

Mobile (Xamarin)

Testing (Enzyme & Jest [JS], Junit [Java], MStest [C#])

EDUCATION

Stevens Institute of Technology, NJ

M.E. Systems Engineering (2015)

Master's Cert. Software Eng. (2015)

Master's Cert. Wireless Comm. (2013)

B.E. Electrical Engineering (2013)