

Xi Zhang

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Experience

Inpensa Inc.

SaaS Enterprise Business case management and Portfolio Analytics Platform

V.P. of Engineering

Dec. 2018 - Present / Edison, NJ

- Launched the OnDemand platform with Predictable Analytics in 3 months, bringing enterprise customers domain knowledge to SMB customers, which attracted market attention, and boosted sales pipeline by 50%.
- Applied Agile methodologies to the whole team and built the CI/CD pipeline in a quarter, increased productivity by 35%, and reduced cycle time by 50% to two weeks.
- Incorporated the Well-Architected Framework into the cloud operation process, archiving a 35% reduction in SaaS operating costs with 10% overall performance improvement.
- Established and led a Security Work Group and achieved 100% security compliance for customers from various industries, including the heavily regulated Banking industry.
- Successfully delivered end-to-end solutions that serve cross-function teams and integrate with various enterprise systems for 10+ large customers across major industries.
- Worked closely with other leadership team members to lead new product line developments and new market segment expansion, which significantly increased the company's valuation.

Architect / Director of R&D

Mar. 2012 - Mar. 2018 / Edison, NJ

- Architected the innovative 3-tier distributed platform with configuration-driven taxonomy and workflow framework, enabling entirely different appearances and workflows on the same codebase yet configurable by non-technical analysts.
- Hired 30+ resources, and wove them into teams, empowered them to deliver high-quality products within a limited time frame.
- Led the transition of the service tier to micro-services and server-less architecture, increased throughput by 60%, enabling monthly product release cycles.
- Demonstrated technical flexibility during pre-sale client engagement by implementing a critical feature to meet business needs within 24 hours, resulting in signing the first deal with a Fortune 100 company.
- Successfully launched five SaaS products in three years, made sales to five Fortune 500 enterprise customers, and attracting dozens of potential clients.

Cisco Systems

Cisco Advanced Services - Real-Time Enterprise Business Intelligence Analysis and Visualization Platform

Software Engineer / Tech Lead

(via Avesta) Jul. 2009 - Oct. 2011 / San Jose, CA

- Led the design and implementation of the search based BI Services powered by a SOLR cluster, enabling enterprise customers to filter and search through historical data and generate real-time visualization reports based on result sets.
- As a pioneer in implementing Big Data for Enterprise BI Platform, scaled one of the earliest SOLR clusters in Silicon Valley from a single node to 50+ nodes to support the real-time analytics of billions of line items.
- Enabled real-time search by reducing transaction locking time from minutes to within 10 seconds through a direct RAM index searcher.

Education

Computer Science, M.S.

University of San Francisco

2009 / San Francisco, CA

Mathematics and Applied Mathematics, B.S.

Peking University

2006 / Beijing, China

Publications

3 IEEE intl. Conference papers on Feature Extraction & Machine Learning, and a journal paper on Software Architecture.