(Alan) Xi Zhang

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📍 Greater New York

Experience

Inpensa Inc.
📍 Edison, NJ

V.P. of Engineering
2018 - 2021

* 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%.
* Drove the company agile methodology evolution, adopting cloud-based 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 for 10+ large customers across major industries, involving crossfunction business patterners and integrating with various enterprise systems.
* 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
2012 - 2018

* 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
📍 San Jose, CA

Software Engineer / Tech Lead
2009 - 2011

* 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 SOLAR 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

Mathematics and Applied Mathematics, B.S.   Peking University

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