

Neal Taylor
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PROFESSIONAL SUMMARY

A leader, problem solver and solution creator with experience mentoring and guiding software development programs creating, scaling and improving software systems through all phases from initial company creation through product end-of-life.

PROFESSIONAL EXPERIENCE

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| Optifi Systems, Inc. - Yorba Linda, CA | 2020 to Present |
| <i>President</i> Business intelligence tools for small to medium sized businesses <ul style="list-style-type: none">• Software Manager, developer, operations manager and president of a two person (for now) enterprise developing PowerBI based custom tools for the sub-prime automotive financial services market. | |
| Consulting | 2015 to 2020 |
| <i>General Cyber, Austin Tx: Manager, Software Engineering</i> A startup working with streamed sensor data. <ul style="list-style-type: none">• Software Development Manager, Scrum Master, Architect, Designer and code contributor for a technical demonstration system based on nginx, python/flask, wordpress and Qt. | |
| CA Technologies, Inc. – Irvine, CA | 2010 to 2015 |
| <i>Manager, Software Engineering</i> CA AppLogic was an IaaS platform with orchestration capabilities. <ul style="list-style-type: none">• Managed global development team creating/tracking schedules, allocating resources, coordinating with other teams and coaching team members.• Scrum master for primary scrum teams and member of the Scrum of Scrums.• Worked with product manager to convert customer needs to backlog items with appropriate prioritization.• Technical liaison providing coordination between global organizations for the product port to the mainframe.• Oversaw plans for converting AppLogic from its internal fabric to running on other fabrics starting with OpenStack.• Added new features including automatically migrating applications between x86 and Mainframe as an individual contributor. (US Patent 9,201,606)• Led project end-of-life activities.• Led the same team on a new Big Data project. | |
| Apani Networks – Brea, CA | 2002 to 2009 |
| <i>Director, Software Engineering</i> Apani's EpiForce product was enterprise class, end-to-end network encryption. <ul style="list-style-type: none">• Led a major re-architecture increasing end-node capacity by three orders of magnitude to 500,000 agents in a single domain as well as providing a substantial improvement in system availability.• Set technical direction for another major product evolution to utilize native encryption stacks and client rule engines rather than our own which drastically reduced platform specific code.• Recognized the product could be extended to provide policy based on users; including multiple users | |

- per machine, providing both a more intuitive interface and more secure product.
- Member of the cross-functional team providing the point of coordination for engineering to the rest of the organizations including, marketing, support, QA and executive management.
- Worked closely with product management setting the product road map.

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| Widevine Technologies, Inc. – Seattle, WA | 2000 to 2001 |
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Program Manager

Widevine created a network streaming encryption product, since acquired by Google.

- Led delivery of the initial two releases after the previous manager failed to do so twice.
- Participated in the initial concept viability meeting where the team decided we had a novel solution to a market need. We went on to form a company, deconstruct the problem and create, implement and successfully deliver new capabilities to the marketplace.
- Created Linux kernel code to multiplex/demultiplex a side channel in the main data stream avoiding the need for additional firewall holes.
- Created a forum that successfully overcame the lack of informal communications channels in a geographically distributed team.
- US Patent 7,165,175

Educational Background

B.S. in Computer Science from California State University, Fullerton.

Other Activities and Accomplishments

Environments: IaaS, PaaS, Orchestration, Big Data infrastructure, Enterprise Network encryption,
Defense Contractor, Accounting

Arranger and band member for local high school choir programs.