Carol Odiorne

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SOFTWARE ENGINEER / TECHNICAL LEAD

Expertise in technical design, coding, debugging, and building scalable technology solutions

Technical Team Leader and Software Engineer with extensive experience guiding the software development lifecycle, delivering high-quality code, and driving business value. Recognized as technical expert with an in-depth knowledge of complex technologies, tools, and methodologies with proven ability to plan, scope, size, design, prototype, and engineer framework components. Build strategic roadmaps, create high-level architecture, own the technical quality of the code, and provide technical leadership across functional areas. Hands-on experience as a Software Engineer for the U.S. Air Force, Hewlett Packard, Electrospace, Texas Instruments, and more.

Area of Expertise:

- Technical Direction
- Coding / Debugging
- Technical Designs / POCs
- Software Development
- Project Planning / Roadmaps
- Strategic Planning
- New Feature Design
- Relational Databases
- Stakeholder Management
- Cloud Technologies
- Emerging Technologies
- Framework Components

SUCCESS SPOTLIGHT

 Proposed, designed, and developed API which serves 13K Point of Sale licensing agents across the U.S. and Canada positioning Automated License Systems, Inc. as a leader in the government sportsman licensing industry.

 Developed a terminal application which processes $15M in money orders and $12M bill payments annually through the creation of a bill payment, money order, and credit/debit service for Fidelity Express.

 Design and innovate leading edge software solutions leveraging extensive programming and software development expertise.

 Proactively improve all aspects of software development lifecycle to deliver an outstanding customer experience.

PROFESSIONAL EXPERIENCE

TEMENOS | Austin, TX | 2017–Present

TECHNICAL ARCHITECT

Design functional technology solutions, develop the structure for IT systems, implement architecture, and ensure the IT framework operates efficiently. Provide technical leadership to software development teams. Oversee AWS and Azure hosting such as coordinating and monitoring VPN connections. Identify and resolve network and application security issues.

- **Certified Kony Fabric/Visualizer Developer** with expertise in JavaScript and Java supporting the Spring Framework.
- **Enhance security and improve the user experience by leading Okta API Integration** to support Identity Access Management for the enterprise mobile application.
- **Execute full lifecycle software development for the enterprise retail banking mobile application** including requirements gathering, system architecture, verification, and documentation.
- **Led several API Integrations for Core and 3rd Party systems:** Fiserv DNA, Symitar, VSoft and Alogent MRDC and image retrieval, Lanvera, LocatorSearch, WireExchange, MX, iPay, PSCU, Checkfree, Augeo and others.

INDEPENDENT CONTRACTOR | Round Rock, TX & Bali, Indonesia | 2013–2017

SOFTWARE ENGINEER

Designed, developed, tested, and supported custom software applications and their integrations in support of the strategic IT objectives for diverse clients. Partnered with key stakeholders to build scalable technology solutions that exceeded client expectations. Oversaw Identity Access Management (IAM) and AWS Administration.

- **Website development for Job Corps USA** using Drupal and various coding languages: HTML, CSS, and PHP.
- **Designed and developed several Android applications** using Android Studio, Eclipse, and Unity.

- **Created Full Stack Web Applications** with Restful webservices using Laravel and WordPress.
- **Increased efficiency within clients' IT organization** using SailPoint IIQ, Java EE, Tomcat, MySQL, Active Directory, and PowerShell.

ACTIVE NETWORK, LLC | Dallas, TX | 2008–2013

SENIOR SOFTWARE ENGINEER

Designed, developed, implemented, and supported applications, systems, and IT products based on company's business objectives. Led a team of software developers to drive continuous improvement by implementing value-added development solutions.

- **Designed, developed, and managed lifecycle for Software Development Kit (SDK)** supporting automated hunting and fishing licensing systems across the United States
- **Led mobile application development** to support and enhance hunting and fishing applications.
- **Enhanced development and debugging processes for POS application software** by designing a PC Emulator in Microsoft Visual Studio and C++.

AUTOMATED LICENSE SYSTEMS, INC. | Nashville, TN | 2002–2008

SENIOR SOFTWARE ENGINEER

Proposed, designed, and developed a terminal application for the POS purchase of hunting and fishing sportsman licenses

- **Expanded product adoption across the United States driving exponential revenue growth.**
- **Technical Architect and Team Lead** delivering numerous projects on time and within budget.

EDUCATION & CREDENTIALS

Bachelor of Science, Business Management Coursework | LETOURNEAU UNIVERSITY | Dallas, TX
Associate of Applied Science, Information Systems | COMMUNITY COLLEGE OF THE AIR FORCE

Software Development Technical Training / Commendation/Achievement Medal Recipient (3x) | UNITED STATES AIR FORCE
Kony Visualizer/Fabric Certified Developer
Dale Carnegie Course

TECHNICAL EXPERTISE

Java, JavaScript, C, C++, SQL, PHP, Object Oriented Analysis, Design & Implementation, Agile, Scrum, Jira, Confluence, Rest/SOAP API Creation & Integration, Embedded, Mobile, and Web-based Platforms, Real Time Operating Systems (RTOS), Docker, Windows, Linux, iOS, Android, Git, SVN, AWS, Identity Management (Okta, Sailpoint)