Fawzi El-Alami

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Software engineer with over 28 years of experience designing, documenting, developing and implementing software solutions. Senior manager with a versatile technical career with years of complex problem resolution and innovation.

Skills

- Full Stack Developer
- Managed product roadmap
- Supported Projects from concept to implementation
- Experienced in the use of Agile, JIRA, and Confluence
- Designed end to end applications
- Strong at research and implementing new skills
- Eclipse and Microsoft Visual Studio
- Staff Training and Support

- Java
- C#
- JavaScript
- Angular
- HTML/CSS
- RESTful API
- JSON/XML/YAML
- SQL

Experience

8/2018 – Present

Software Engineering Manager / APCON

Responsible for management of software development engineers; as well as the design, development, testing, and implementation of APCON's client service products and embedded systems.

Technology and Tools: Angular, HTML/CSS, RESTful API, and JSON, Confluence, Jenkins

1/2015 – 6/2018

Sr. Manager Technical Services / Harman

Build software tools that allow Audio/Visual technicians and other IT professionals to effortlessly configure new, or newly modified, AMX systems. Interface with Residential, Commercial, and Education Project managers to optimize software tools.

Key Achievements:

- Released cross-platform cloud based application and application configuration software and followed agile methodology
- Improved and expanded on an existing software solution that simplified conference room deployment for IT personnel, using Java, and NetLinx programming languages.
- Provided front-end web portal for modifying and enhancing control system by using new software knowledge (JavaScript framework, and HTML5).
- Architected a Java software package used in creating home automation solutions.
- Created C# service that involved cloud (Azure) storage accounts, API's, file transfers and management, database integration and more.

Technology and Tools: C#, Java, Microsoft Azure, JavaScript, AngularJS, HTML/CSS, RESTful API, and JSON

8/2003 – 12/2014

Director Professional Services / AMX

Championed creative design on prominent project and collaborated with various sources to achieve timely result. Developed multiple control system solutions of various sizes utilizing different programming languages, like Java, C#, and NetLinx.

Key Achievements:

- Created programming and project management standards adhered to by all programmers and project managers.
- Customized, installed, and sustained a standard control system solution for a major financial institution at several national and international locations, using Java, C#, and NetLinx programming languages.

Technology and Tools: VB.Net, Java, XML

1/1996 – 8/2003

Programming Manager / AMX

Led a team of over 10 AMX programmers, UI designers, and QA testers dedicated to creating varying types of AMX Control Systems. Developed and implemented large-scale Audio/Visual Control Systems such as the Las Vegas Convention Center, The San Jose Sharks Arena, MD Anderson Cancer Center, and many others.

Technology and Tools: AMX NetLinx Programming

10/1990 – 1/1996

Programmer / AMX

Managed projects from end-to-end including client expectations and travel when necessary.

Technology and Tools: AMX NetLinx Programming

Education

MAY 1990

Master of Science in Computer Science

Arkansas State University, Jonesboro, Arkansas

MAY 1987

Bachelor of Science in Mechanical Engineering

Arkansas State University, Jonesboro, Arkansas