

# FABIAN DE LA PEÑA MONTERO

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## ⚙️ SKILLS

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.NET, AWS, Bash, Bitbucket, C#, Cloud Foundry, Communication Skills, Computer Science, Confluence, CSS, Data Structures, Database Systems, Design Patterns, Docker, HTML5, Java, JavaScript, jQuery, Kubernetes, Microsoft SQL Server, MongoDB, MySQL, Node.js, PHP, PostgreSQL, PowerShell, Python, Rancher, React Jira, Software Development, System Architecture, Technical Writing, Troubleshooting, TypeScript

## 👤 PROFESSIONAL EXPERIENCE

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### Intel Corporation Chandler, AZ

May 2022 – November 2025

*Software Application Development Engineer*

- Developed new features and implemented bug fixes for critical applications using .NET 8, Entity Framework, HTML, Python, React, SCSS, and TypeScript.
- Worked closely with lead developer and collaborated with stakeholders to ensure applications met functional requirements.
- Conducted QA and code reviews to maintain high-quality code standards.
- Set up and maintained CI/CD pipelines using GitHub actions.
- Managed application infrastructure using Docker, Kubernetes, AWS EC2, AWS ECS, Cloud Foundry, physical servers, and VMs running Microsoft Windows and Linux.
- Provided escalated support to internal customers for application-related issues.

### VisualVault Tempe, AZ

February 2019 – May 2022

*Software Engineer*

- Implemented new features in the main web application and various client desktop software using .NET, Angular, CSS, HTML, Java, JavaScript, and Windows Forms.
- Resolved customer-reported bugs across all applications.
- Provided escalated support to internal customers for application-related issues.
- Conducted QA and code reviews to maintain high-quality code standards.

### Intel Corporation Chandler, AZ

February 2018 – February 2019

*Infrastructure Support Engineer*

- Resolved hardware and software issues in factory data centers' Microsoft Windows servers.
- Built, decommissioned, and maintained Windows servers in factory data centers.
- Contributed to developing a system to automate the server decommission process.

### Avirtek, Inc. Tucson, AZ

June 2015 – February 2018

*Software Engineer* June 2015 – February 2018

- Developed, maintained and implemented cyber security solutions for commercial and government use as part of SBIR and STTR contracts using .NET, Bash, C, Java, PHP, Python, Windows Forms and WPF.
- Built and maintained the IT infrastructure for a pathology office.
- Developed various programs to automate processes for a pathology office including file format conversion and automated file transfers.
- Developed and maintained a pathology dictation recording and management software system.
- Planned, scheduled and aligned resources to effectively meet and achieve targets and goals.
- Hired and managed the company's software engineers
- Managed the company's IT infrastructure

## 🎓 EDUCATION

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### University of Arizona, Tucson, AZ

August 2016 – December 2021

*Master of Science (M.S.)* in Electrical and Computer Engineering (ECE)

### University of Arizona, Tucson, AZ

August 2011 – May 2015

*Bachelor of Science (B.S.)* in Electrical and Computer Engineering (ECE)