

Erick M. Herrera Cabrera

Full-Stack Software Developer

erickmherrera@outlook.com | 719-922-5372 | Colorado Springs, CO (Open to relocate)

 [LinkedIn](#) |  [GitHub](#) |  [Portfolio](#)

Professional Summary

Results-driven Full-Stack Developer with 2+ years of experience building scalable web applications using modern JavaScript frameworks. Proven track record of process optimization and automation, having reduced manual processing time by 40% through innovative solutions. Strong background in both frontend and backend development with expertise in React, Node.js, and database management. Seeking to leverage technical skills and process improvement experience in Seattle's dynamic tech ecosystem.

Technical Skills

Frontend Development

- React.js, React Native, Next.js, Tailwind
- HTML5, CSS3, JavaScript (ES6+), TypeScript
- Responsive Design, Bootstrap, UI/UX principles

Backend Development

- Node.js, Express.js, RESTful API design
- Python scripting and automation
- Database design and optimization (MongoDB, MySQL, SQLite)
- Authentication, authorization, and security best practices

Development Tools & Practices

- Git version control, GitHub, Bitbucket

- Docker containerization
 - Agile methodologies, code reviews
 - Testing frameworks and debugging
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Professional Experience

Customer Service Representative | *Keysight Technologies* | 2023 - Present

- Maintain high customer satisfaction while developing technical solutions for complex product inquiries
- Collaborate with engineering teams to resolve technical issues and provide product feedback

Business Process Analyst | *Keysight Technologies* | 2021 - 2023

- **Led automation initiatives** for inbound email processing using Salesforce functionality, **reducing manual processing time by 40%**
- **Saved 15+ work hours weekly** through implementation of process improvements and workflow optimization
- Conducted waste walks and value stream mapping to identify and eliminate process inefficiencies
- Developed and maintained comprehensive documentation for critical business processes
- Collaborated with cross-functional teams to implement scalable solutions

Customer Service Representative / Customer Technical Assistant | *Keysight Technologies* | 2019 - 2021

- Provided technical support for complex electronic testing equipment
- Developed problem-solving skills through troubleshooting hardware and software issues

Intelligence Specialist | *U.S. Coast Guard* | 2016 - 2018

- **Led a team of 4 junior personnel** in daily operations and training initiatives
- Analyzed and compiled intelligence reports using specialized software tools
- Managed sensitive data while maintaining strict information security protocols

- **Earned commendation** for developing a streamlined information processing workflow
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Featured Projects

HVAC SaaS Web Application | *MERN Stack* | [GitHub Link](#) |

- Developing a comprehensive inventory management system for HVAC companies
- Implemented advanced search functionality across multiple data tables
- Built responsive React frontend with real-time data updates
- Designed RESTful APIs with Node.js and Express.js
- Integrated MySQL for efficient data storage and retrieval
- **Technologies:** React, Node.js, Express.js, MySQL, Tailwind CSS

Personal Portfolio Website | *Next.js* | [GitHub Link](#) |

- Built modern, responsive portfolio showcasing technical projects and skills
- Integrated contact form with backend API endpoints, and automatic reply system
- **Technologies:** Next.js, React, TypeScript, Tailwind CSS

Additional Projects Available on GitHub

- RESTful API projects with authentication and authorization
 - Database design and optimization examples
 - Automation scripts and process improvement tools
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Education

Bachelor of Science in Computer Science | *Southern New Hampshire University* | Oct 2024

- Concentration: Software Development
- Relevant Coursework: Data Structures, Algorithms, Database Systems, Fullstack Development 1&2

Associate in Computer Science | *Pikes Peak Community College* | Dec 2021

- Foundation in programming fundamentals and computer science principles

Intelligence Specialist Training | *U.S. Coast Guard Training Center* | Feb 2017

- Specialized training in data analysis and information security protocols

Professional References

Ken Roush | *Manager, Keysight Technologies*

 ken.roush@keysight.com

Reyna Alvarenga | *Manager, Keysight Technologies*

reyna.alvarenga@keysight.com / 720-975-6095

Barb Thomas | *Previous Manager, Keysight Technologies*

303-506-3375

Available for immediate interviews and open to relocation.