Jesse Piccione
Software Engineer
Seeking a Full-Time Career in Software Engineering.

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Summary

Motivated and detail-oriented Software Engineer with hands-on experience in full-stack technologies, software design, and project management. Proven track record of applying problem solving skills to deliver high quality software solutions. Eager to contribute to a dynamic team while growing professionally.

Certifications

- **Meta Professional Front-End Developer** - Meta, Remote (**Completed Jan 2025**)
- **Meta Professional Back-End Developer** - Meta, Remote (**Completed Apr 2024**)

Education

- **Bachelor of Science in Computer Science** - Oregon State University, Corvallis, OR (**Graduated Dec 2023**)
- **Associate of Science in Computer Science** - Ocean County College, Toms River, NJ (**Graduated May 2020**)

Skills

- **Programming Languages:** Python, Java, Dart, JavaScript, C/C++ and Ruby.
- **Frameworks & Libraries:** React.js, Vanta.js, Bootstrap.js, Node.js, Django, OpenAI API, Spring, Hibernate and Spring.
- **Web Technologies:** HTML5, Advanced CSS, SASS and SCSS
- **Databases:** SQL, NoSQL, MySQL, Microsoft SQL, PostgreSQL, Datastore and GraphQL.
- **Back-End Development:** RESTful APIs, Models, Normalization, Containers, N-Tier, Tokens, Authentication and CRUD.
- **Front-End Development:** Planning, Wireframing, Prototyping, Heuristics, Design Patterns, Style Guides, and Typography.
- **Development Operations:** Docker, AWS, Azure, GCP, Scaling, Load Balancing, CI/CD, Cloud DNS, Firewall Configuration.

Project Experience

JessePiccione.info (Advanced eResume Platform) - Twisted Ornate Designs, Toms River (Jan 2024 - Present)

- **Developed** a dynamic, stateful eResume application enabling real-time updates without redeployment, enhancing employer engagement.
- **Optimized architecture** by transitioning from a 3-tier to a 4-tier system with a React.js Front-End and Django REST Back-End, improving scalability and performance.
- **Reduced Hosting costs by 92%** (from $150/month to $12/month) and decreased deployment times from 5 minutes to under 30 seconds by implementing a serverless architecture with Google Cloud App Engine.
- **Integrated** a ChatGPT AI Assistant using OpenAI's API, increasing user interaction with personalized responses.
- **Implemented DevOps practices** with Google Cloud Build and Docker enhancing deployment efficiency and system reliability.

Chirp (Flutter Application for Bird Sound Prediction) - SoundBendor Lab, Oregon State University (Sep 2022 - Aug 2023)

- Led the design and implementation of a Flutter application integrating machine learning models, achieving **90% accuracy** in bird sound predictions.
- Successfully **reduced hosting costs by 50%** by migrating the Azure Database to an AWS NoSQL database.

Work Experience

Store Systems Support Associate - Spencer Gifts | Spirit Halloween, Egg Harbor, NJ (July 2024 - Present)

- Provided Technical support for the Spirit Halloween 2024 Season maximizing revenue **70 million dollars** above expectations.
- Updated and validated troubleshooting documentation, significantly reducing call time by **90%** on devices with outdated troubleshooting steps.
- **Resolved over 2400** IT related issues for stores over the phone to help them achieve maximum performance for the 2024 season.

Software Engineering Freelancer - Wyzant & Fiverr, Remote (Jan 2020 - Present)

- Delivered expert guidance on over **1000 hours** of software development projects, enhancing clients' understanding of diverse programming topics from fundamental to advanced levels.
- Participated in website maintenance and development to increase a diversified user base for a requesting client by **30%.**

Software Engineer Intern - Spencer Gifts | Spirit Halloween, Egg Harbor, NJ (Sep 2023 - Dec 2023)

- Engineered a Maven Spring Boot Application to optimize e-commerce site operations, increasing productivity by **20%.**
- Designed a framework for the ecommerce team to implement service management effectively reducing costs by **15%.**

IT Agreements Coordinator - Line5, Remote (Mar 2023 - Sep 2023)

- Optimized dealer account setup processes and daily operations, boosting departmental productivity and increasing revenue from **500 to 1200** deals per month.
- Achieved a **45% increase** in UX quality by configuring Line5's robust e-signature system while ensuring the loan process was functioning for **100%** of the specified dealer account products.