John Doe

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[Skills](https://old.reddit.com/r/EngineeringResumes/wiki/index#wiki_skills)

**Languages:** Python, C++, Java, C#, JavaScript

**Technologies**: Docker, Kubernetes, APIs, CI/CD, MSSQL, Azure

**Frameworks:** PyTorch, TensorFlow, scikit-learn, Node.js, Angular, React

[Experience](https://old.reddit.com/r/EngineeringResumes/wiki/index#wiki_work_experience)

**Senior Software Engineer,** AeroTech – Orlando, FL May 2019 [– Present](https://www.reddit.com/r/EngineeringResumes/wiki/index#wiki_dates)

* Spearheaded the design and deployment of scalable machine learning models for military simulation environments using Kubernetes, improving model handling efficiency by 40%.
* Developed machine learning frameworks using C++ and gRPC, reducing development time by 30% and enabling faster experimentation, adopted by 20+ teams across projects.
* Optimized real-time decision-making algorithms by creating high-performance APIs for planes tactical simulations, reducing latency by 40%.
* Built and integrated backend health monitoring tools with .NET for proactive system diagnostics, decreasing debugging time by 30% and enhancing reliability.
* Established automated CI/CD pipelines for over 100 builds, lowering build failures by 30% and accelerating deployment speeds by 80%.
* Led a cross-functional team to develop a dashboard in Angular and Node.js for automating business analytics, increasing insight efficiency by 20%.

**Software Engineer,** IntelliHealth – Orlando, FL June 2018 – May 2019

* Engineered automation tools in C# and MSSQL to streamline insurance eligibility verification across 40+ websites, achieving a 60% increase in processing speed.
* Reduced error rates by 40% for over 10,000 daily verifications, leading to substantial cost savings for clients.

[Projects](https://old.reddit.com/r/EngineeringResumes/wiki/index#wiki_projects)

**VLM Model Arena -** Machine Learning Research

* Leveraged high-performance computing to analyze outputs from six Vision-Language Models on a 2,500-pair dataset for Vision Question Answering.
* Implemented an ELO-based ranking system and web service for comparative analysis of human versus automated evaluations.

**Threat Recognition Turret -** Custom AI model

* Designed a custom image recognition model for real-time threat detection, increasing accuracy by 20% using Raspberry Pi and Arduino platforms.
* Integrated control systems for sensors, cameras, and servos, enabling precise monitoring and automated threat response notifications.

**LLM Recommendations**

* Developed a recommendation engine using language model alignment and autoencoder techniques to provide personalized item recommendations and user preference interactions.

[Education](https://old.reddit.com/r/EngineeringResumes/wiki/index#wiki_education)

**University of Central Florida** – MS in Computer Engineering Expected May 2025

**Florida State University** – BS in Computer Science Dec 2020