

# Software Systems Engineer

## David Stoner

### Professional summary

Accomplished Engineer with over 10 years of experience in designing, integrating, and optimizing software systems across industries. Adept in managing full development life cycle (SDLC) and aligning software with hardware, network, and cloud-based platforms.

### Experience

#### Senior Software Systems Engineer

January 2020 - May 2024

Lockheed Martin / United States, Colorado Springs, CO

- Led a team of 6 engineers in the development of real-time software systems.
- Designed microservices architecture to support deployment of satellite telemetry.
- Integrated software with advanced aerospace hardware.
- Collaborated with cross-functional teams to ensure compliance with NASA standards.

#### Software Systems Engineer

July 2015 - December 2019

Boeing / United States, Denver, CO

- Designed diagnostic software that flags critical system errors during test flights.
- Worked with cross-disciplinary teams to integrate software with Boeing's navigation.
- Led optimization efforts, reducing system processing time by 15%.

#### Junior Software Engineer

May 2014 - June 2015

CenturyLink / United States, Monroe, LA

- Conducted thorough testing and debugging of backend services and databases to minimize post-deployment issues, reducing system errors by 10%.

### Key Projects

#### Satellite Telemetry, Lockheed Martin

March 2021 - October 2021

- Led the development of a cloud platform for processing real-time telemetry data. The system supported 15,000+ data streams and maintained 99.99% uptime.

#### Starliner Avionics System, Boeing

February 2017 - September 2018

- Designed and integrated embedded software for spacecraft, focusing on navigation and flight control systems.

(389) 468-3869

david.stoner@gmail.com

United States, La Junta, CO

### Education

#### Bachelor of Science in Computer Engineering

2010 - 2014

University of Colorado at Boulder

United States

#### Certified Systems Engineering Professional

INCOSE (2020)

#### AWS Certified Solutions Architect


Amazon Web Services (2019)

#### Certified ScrumMaster

Scrum Alliance (2018)


### Skills

Full SDLC 

Cloud Computing & Virtualization 

CI/CD Pipelines 

API Development 

Programming Languages: C/C++, Python, Java, JavaScript 

Platforms: AWS, Azure, Google Cloud 