

# JOSHUA AVERETT

## SOFTWARE ENGINEER

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Software development professional offering 5+ years of industry experience in system architecture development with a Bachelor's of Engineering degree in Computer Engineering from Arizona State University. An Employee of the Month Award winner with a strong attention to detail, excellent critical thinking skills, and the crucial ability to function well in a team setting. Experienced in the full project lifecycle, from initial design and implementation to deployment and maintenance.

## EXPERIENCE

### Head Solidity Developer

[Panarka Blockchain Labs](#) | Remote — January 2021 - PRESENT

- Contributed as one of the principal backend programmers
- Developed Solidity smart contracts for the Penguin Party network
- Tasked with building DAO in Ethereum to handle token voting
- Performed regression and system level testing to verify software quality and function prior to release
- Collaborated with other developers and performance engineers to enhance supportability and identify performance bottlenecks
- Built, tested and deployed scalable, highly available and modular software products

### Lead RF Engineer

[CTS Inc](#) | Phoenix, AZ — September 2019 - PRESENT

- Developed an intelligently scaling turnkey web app for project management with Haskell/Elm system, reducing manual data entry, saving hundreds of personnel hours monthly
- Developed a C#/LINQ based desktop app that functioned as a design automation system, saving hours per project.
- Employee of the Month

### Head Fullstack Developer

[CircuitBloom](#) | Remote — July 2014 - September 2019

- Reviewed code to validate structures, assess security and verify browser, device and operating system capabilities
- Designed, implemented and monitored web pages and sites for continuous improvement
- Took concepts and produced mockups and prototypes to develop, and enhance user experiences and improve site interactions
- Streamlined high server traffic resource configuration and allocation
- Successfully installed Linux Servers and virtualized environments using Docker, Hyper-V, and Amazon Web services

### Maintenance Tech

[Sherer Engineering Inc](#) | Mesa, AZ — July 2013 - July 2014

- Repaired semiconductor equipment; Implanters, cone replacements, chillers and turbopumps
- CAD/CAM using Autodesk Inventor
- Systems Administration

## SKILLS

### Languages:

Solidity, Haskell, Nix, Elm, C#, C, C++, JavaScript, LINQ, PHP, HTML/CSS, (& More)

### Database Management:

SQL Server, Postgres, Mongo

### Systems:

Linux, Windows/ Windows Server, Mac OS X

## STRENGTHS

### Technical:

- Program Design
- Blockchain Engineering
- Testing and Debugging
- API Design Knowledge
- Data Management
- Certified for ADRF Cellphone System Design

### Practical:

- Ability to prioritize
- Communication
- Critical thinking
- Determination
- Efficiency
- Innovation

## EDUCATION

### Arizona State University

Bachelors of Engineering  
Computer Engineering  
August 2016 - May 2020