

# AVA JOHNSON

Software Engineer | Cloud Solutions | OS Development

+1-(234)-555-1234

linkedin.com

help@enhancv.com

Philadelphia, Pennsylvania

AJ

## SUMMARY

With over 9 years of experience in software engineering, I bring to the table a deep understanding of cloud computing, operating systems, and data structures. My technical expertise includes hands-on experience with AWS, Azure, and Google Cloud. The highlight of my career so far has been leading a team in developing machine learning solutions to optimize search engine algorithms.

## EXPERIENCE

### Senior Software Engineer

Google

03/2019 - Present Mountain View, CA

- Led a 5-person team on a machine learning project to improve search algorithms, achieving a 12% increase in search relevance.
- Automated key deployment workflows for mobile services, decreasing deployment time by 34% and improving code integration frequency.
- Developed a series of security protocols for mobile applications, reducing potential security threats by 20%.
- Pioneered a cross-functional initiative to streamline database management, optimizing data retrieval processes by 15%.
- Enhanced system monitoring tools to track performance metrics, aiding in a 10% reduction in unexpected system outages.
- Initiated a successful collaboration with the UX team to refine user engagement on key applications, boosting user satisfaction by 18%.

### Software Engineer II

Microsoft

06/2016 - 02/2019 Redmond, WA

- Implemented a new application feature that was adopted by 80% of the user base within the first three months of release.
- Participated in code reviews and paired programming, resulting in a 30% reduction of code defects.
- Optimized database queries in Azure SQL Database, which improved application performance by 25%.
- Contributed to the migration of legacy systems to cloud-based platforms, enhancing system scalability.
- Facilitated a workshop on cloud security best practices, leading to a 15% improvement in team compliance.

### Software Engineer

Oracle

01/2014 - 05/2016 Austin, TX

- Developed a custom Oracle database solution for a finance client, increasing data processing speeds by 40%.
- Assisted in the integration of cloud services into existing products, expanding service offerings.
- Engaged in continuous learning initiatives to keep up with the latest in cloud computing trends.
- Collaborated on a six-month project that cut down system downtime by 12% through enhanced failover techniques.

## EDUCATION

### Master of Science in Computer Science

Stanford University

01/2012 - 01/2013 Stanford, CA

### Bachelor of Science in Computer Science

Carnegie Mellon University

01/2008 - 01/2012 Pittsburgh, PA

## PROJECTS

### Open Source Database Contribution

Contributed to improving open-source database efficiency, enhancing transaction speeds by 30%.  
github.com/AvaJohnson/database-project

### Cloud Service Monitoring Tool

Developed a monitoring tool for cloud services to streamline incident response times.  
github.com/AvaJohnson/cloud-monitoring

## KEY ACHIEVEMENTS



### Optimization Expert Award

Recipient of the 'Optimization Expert Award' at Microsoft for exceptional performance in system efficiency improvements.



### Published Machine Learning Article

Authored a well-received article on innovative machine learning strategies implemented in search algorithms.



### Spearheaded Security Initiative

Led a security protocol overhaul that became the company standard at Oracle, significantly minimizing security risks.



### Cost-Saving Cloud Integration

Played a key role in a cloud system integration project that cut on-premises infrastructure costs by 25%.

## SKILLS

Cloud Computing

AWS

Azure

Google Cloud Platform

Operating Systems

Data Structures

# LANGUAGES

English  
Native



Spanish  
Advanced

