

John Guy

224-152-1251 | cooldude123@gmail.com

## Summary

Highly accomplished and results-oriented Software Developer with 10+ years of experience at Google, specializing in the design, development, and implementation of cutting-edge software solutions. Proven ability to leverage a comprehensive understanding of software engineering principles, coupled with expertise in Python, C++, Java, DevOps, and Cloud technologies, to drive innovation and deliver exceptional results. Possessing a strong academic background, including a 4.5 GPA from Waukegan High School, a Bachelor's degree in Electrical Engineering with a Minor in Physics from UIUC, and an MBA from Harvard University, I bring a unique blend of technical proficiency and business acumen to every project. Passionate about leveraging technology to solve complex problems and create impactful solutions that contribute to organizational success. Seeking a challenging and rewarding leadership role where I can utilize my skills and experience to drive growth and innovation.

## Education

Harvard University, Cambridge, MA

Master of Business Administration (MBA)

University of Illinois at Urbana-Champaign (UIUC), Champaign, IL

Bachelor of Science in Electrical Engineering

Minor in Physics

Waukegan High School, Waukegan, IL

GPA: 4.5

## Experience

Google, Mountain View, CA

Software Developer | 2014 Present

- Spearheaded the design, development, and implementation of highly scalable and robust software applications, resulting in a 30% increase in user engagement.
- Led cross-functional teams of engineers in the development of innovative solutions for complex technical challenges, consistently delivering projects on time and within budget.
- Leveraged expertise in Python, C++, and Java to develop and maintain critical software components, ensuring high performance and reliability.
- Implemented DevOps best practices to automate software deployment and monitoring, resulting in a 20% reduction in operational costs.
- Developed and maintained cloud-based infrastructure using AWS and Google Cloud Platform, ensuring high availability and scalability.
- Mentored junior developers and provided technical guidance, fostering a collaborative and supportive team environment.
- Contributed to the development of intellectual property, securing multiple patents for innovative software solutions.
- Proactively identified and resolved critical software defects, ensuring the highest levels of product quality and customer satisfaction.
- Collaborated with product managers and stakeholders to define project requirements and ensure alignment with business objectives.

- Continuously evaluated and adopted new technologies and development methodologies to improve efficiency and productivity.

## Skills

Programming Languages: Python, C++, Java, JavaScript, HTML, CSS

Cloud Technologies: AWS (Amazon Web Services), Google Cloud Platform (GCP), Azure

DevOps: Docker, Kubernetes, Jenkins, Ansible, Terraform

Databases: SQL, NoSQL

Operating Systems: Linux, Windows, macOS

Software Development Methodologies: Agile, Scrum, Waterfall

Other: Git, Version Control, REST APIs, Microservices, System Architecture

## Projects

### Project Phoenix Google

Led the development of a new search algorithm that increased search accuracy by 15%.

Managed a team of 5 developers and worked with product managers to define the project scope and timeline.

### Project Nightingale Google

Developed a new data pipeline that improved data processing speed by 20%.

Worked with data scientists to develop new machine learning models.

## Awards and Recognition

Google Founders' Award, 2018

Google Spotlight Award, 2020

Google Innovation Award, 2022