

SUMMARY

Senior Software Engineer with a demonstrated history of delivering impactful and scalable solutions. Expertise in designing and implementing complex cloud-based architectures, process automation, and data optimization strategies. Skilled in Python, Go, JavaScript, Docker, and AWS, with a specialization in innovative solutions for large-scale data analysis, database design, and cloud infrastructure. Adept at driving architectural decisions and creating transformative systems that meet business and technical objectives..

EXPERIENCE

Louddoor - *Senior Software Engineer*

November 2023 - November 2024

- Introduced Scrum methodology and established communication processes
- Mentored junior and mid-level engineers
- Lead the team through the launch of several new products and architecture improvements
- Launched several new products and marketplace features using Python, PHP and JavaScript

Crayon - *Senior Software Engineer*

MARCH 2022 - November 2023

- Streamlined competitor company registration and data feed activation, significantly improving operational efficiency.
- Pioneered the automation of Competitor Footprint data acquisition and categorization, enhancing market positioning and strategic decision-making.
- Maintained and optimized data gathering pipelines using Python, AWS, Docker, PostgreSQL, and API integration.

Unitrends - *Senior Software Engineer*

NOVEMBER 2019 - MARCH 2022

- Led the transformation of the Cloud Backup product's UI, driving architectural decisions and enhancing performance and security.
- Mentored junior developers, fostering skill development and team cohesion.
- Utilized a technology stack including JavaScript, Python, ReactJS, Enzyme, Mocha, Chai, Sinon, and Docker for UI development.

Senior Full-Stack Engineer

OCTOBER 2018 – NOVEMBER 2019

- Automated critical communication processes, reducing manual effort and optimizing efficiency.
- Modernized the codebase using Python, PHP, GoLang, gRPC, PostgreSQL, and Redis.
- Seamlessly integrated legacy software with new projects in a Dockerized, microservices environment in AWS.

Friendemic - *Software Engineer*

APRIL 2017 - SEPTEMBER 2018

- Spearheaded public reviews and ratings aggregation projects, distilling actionable insights from complex data.
- Introduced Test-Driven Development (TDD) and Continuous Integration (CI) practices.
- Applied Natural Language Processing (NLP) techniques for deeper customer sentiment analysis.
- Integrated new data collecting suites with legacy software using Python, PHP and JavaScript

Vision Property Management - *Software Developer*

MARCH 2016 - APRIL 2017

- Pioneered and launched an internal web application for streamlined property acquisition.
- Managed the entire development lifecycle, utilizing a LAMP stack and AWS.
- Designed SPAs using Python, PHP, PostgreSQL, MySQL, JavaScript, and frameworks like jQuery, Bootstrap, Vue, and Laravel.

University of South Carolina - *Full-Stack Developer & Multimedia Designer*

JUNE 2013 - APRIL 2016

- Oversaw website maintenance, network administration, and server management.
- Introduced an efficient student essay data collection tool.
- Led web application architecture and development, focusing on cross-platform integration.
- Managed university network infrastructure and servers.
- Streamlined student essay data collection for enhanced academic efficiency.
- Proficient in LAMP and MAMP stacks, with Python, PHP, and JavaScript.
- Designed and optimized database architectures using FileMaker, MySQL, and Sqlite.
- Utilized jQuery, Bootstrap, and Drupal for web development projects.

Pocket Productions - *Web Developer & Multimedia Designer*

JAN 2009 - APRIL 2015

- Launched a brand web application using the LAMP stack and created a custom CMS.
- Automated multimedia dissemination to social networks, optimizing online presence.
- Led and participated in planning committees, contributing to successful event organization.
- Utilized jQuery and Ajax to enhance website functionality.
- Managed server administration and web hosting.
- Produced promotional videos, design assets, and photography for marketing campaigns.
- Played a key role in event production, ensuring seamless execution.

Freelance - *Full Stack Web Developer & Multimedia Designer*

JAN 2007 - MARCH 2013

- Proficient in Python, PHP, and a variety of web development technologies.
- Extensive experience with JavaScript, jQuery, CSS, HTML, and Bootstrap for frontend development.
- Competent in database management using MySQL and SQLite.
- Versatile in CMS platforms such as Drupal, Wordpress, and Laravel.
- Adept at utilizing LAMP, XAMP, and MAMP stacks for web development.
- Knowledgeable in API integration and E-Commerce solutions.

EDUCATION

Computational Linguistics, University of South Carolina

AUG 2014 - MAY 2016

Graduate coursework in Linguistics and Computer Science

Electrical Engineering, University of South Carolina

AUG 2000 - MAY 2005

Undergraduate coursework in Electrical Engineering and Photography