

STEVEN TIPTON

Senior Software Engineer

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SUMMARY

As a software engineer with over 9 years of experience, I have extensive experience in all aspects of the software development life cycle and end-to-end project management, from concept to development and delivery. Consistently recognized as a hands-on and competent leader, I am adept at coordinating cross-functional teams in a rapidly changing environment.

WORK EXPERIENCE

12/2021 - 03/2023

Florida, United States

Senior Software Engineer

Wowcards

Wowcards is a direct mail marketing pioneer. Their patented mailer integrates a thick postcard, a perforated gift card, and online ordering automation that gives businesses of all sizes the capability to create professional direct mail campaigns in minutes.

- Hands on experience in developing enterprise grade API integration(Tekmetric, Shopware and Protractor) layer, web application using React.js , Node.js and NestJS
- Developed, debugged and optimized PostgreSQL queries for reporting and app development , And also worked on multiple joins like Cross join, Left Outer Join, Right Outer Join, Inner Join between two or more tables.
- Cleaned and integrated large sets of structured and unstructured shop datasets with PostgreSQL and MongoDB

05/2020 - 12/2021

New Jersey, United States

Software Engineer / NLP Engineer

Hureka Technologies Inc

They offer Technical consultation to startup and help them generate Proof of Concept and market the product.

- Developed SaaS platform and app integration with REST / SOAP and other APIs for Google Maps, Twitter, payment processors, and other services in Python backend frameworks such as Django and Fast API.
- Refactored Avatar generation system using Stable Diffusion, Docker, Kubernetes, AWS Lambda, AWS S3, AWS ECR and AWS SageMaker
- Built new models to extract more value from the customer data we collect, which will help us know more about users and merchants than anyone else in marketing or retail using ChatGPT and BERT model.
- Participated in the design and implementation of CI / CD and DevOps processes for agile projects and worked with technologies and platforms such as C#, JavaScript, GIT, Linux, Docker, Kubernetes, Ngnix, Jenkins, AWS, used debugging tools like React-DevTools for faster debugging and reducing debugging time by 50%.

10/2018 - 04/2020

California, United States

Full Stack Developer

Floatbot

Floatbot focuses on developing a SaaS-based conversational AI platform.

- Conceptualized, built, and developed Web application utilizing ReactJS and AngularJS
- Development of the scalable web applications and services to handle heavy traffic using React.js, Django and MongoDB
- Building and maintaining internal tools and dashboards, which range from simple server-rendered pages to client-side applications built using React and Node

WORK EXPERIENCE

11/2016 - 10/2018

- Backend Developer / Generative AI developer

- Integrated openAI, deployment of different types of openAI's NLP models on the backend side to build content (presentation, PDF, test models for students, etc.) generators, voice chatbots, voice recommendation systems, and other apps using Python and Django.
- Helping to improve our build processes to make deployment and iteration easier and faster by adding to our backend and services side, building primarily with Python & Django, as well as some JavaScript
- Development of generative AI algorithms which can be used to generate product ideas based on certain specifications.

06/2015 - 09/2016

Singapore

- Full Stack Developer

KNOREX

Founded in 2009, Knorex is a technology company that provides programmatic advertising products and solutions

- Maintained a large web application using HTML/CSS, JavaScript, jQuery, PHP(Laravel) framework, and automated monthly supplier payments billing cycle using PHP and MySQL. Ran payment programs on a monthly basis and adjusted conditional business logic through a web interface.
- Participated in meaningful and thorough code reviews.
- Designed and developed RestfulAPIs to maintain operations continuity and productivity.

12/2014 - 06/2015

- Intern

- Experience with API design and implementation.
- Building and maintaining internal tools and dashboards, which range from simple server-rendered pages to client-side applications built using jQuery, javascript and Bootstrap.
- Professional working experience in a mainstream programming language (Python, PHP, C#, C++, Java, etc).

TECH SKILLS

Strong programming skills and deep knowledge in the next areas

C++	Python	Java	Node	Redis	Docker	Kubernetes	AWS	Git	API development
API Integration	Restful API	Version control	Chatbot development	Web scraping	Data mining				
Debugging	Unit Testing	System Testing	Linux	DevOps	CI/CD				

Strong development skills in these areas

HTML	CSS	Bootstrap	Laravel	PHP	Spring boot	React	Angular	Typescript	Nestjs
PostgreSQL	MongoDB	Django	Flask	Fast API	PyTorch	Tensorflow	Spacy	NLTK	
openAI	DALL-E	ChatGPT	BERT						

EDUCATION

08/2010 - 09/2014

- Bachelor's degree, Computer science
University of California, Berkeley