Steven Tipton *Senior Software Engineer*

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Summary

Highly experienced Full Stack Software Engineer with a successful track record spanning over 9 years in developing, managing, and delivering high-quality software solutions. For the past 7 years, I've leveraged my skills to design and build Machine Learning and Natural Language Processing (NLP) applications that solve complex problems. With my proven expertise in algorithm development, model training, and integration with existing software, I've consistently improved business processes and driven innovation.

Work Experience

2021/12 – 2023/06
Florida,US

Senior Software Engineer
wowcards

- Developed and implemented an advanced Auto-Pilot v1 and v2 platform utilizing Nest.js and PostgreSQL to generate mailable customer lists from various APIs, including Tekmetric, Shopware, Protractor, and others.
- Designed and implemented automation rules to streamline the process of gathering customer data and creating targeted mailing lists.
- Collaborated with cross-functional teams to understand business requirements and translate them into scalable and robust solutions.
- Conducted rigorous testing and debugging to ensure the platform's reliability and performance under heavy loads.
- Overcame challenges related to processing big records in the database, ensuring efficient data retrieval and manipulation to handle large datasets effectively.
- Development of Edu-Tech platform using React and Django via OpenAI API integration. Created the super-prompt for the Lesson plans and starting.
- Provided technical documentation and conducted training sessions to assist team members in understanding the platform's functionalities and using it effectively.

2020/05 – 2021/12
New Jersey, US

Software Engineer
Hureka Technologies Inc

- 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%.
- Using React Native and state-of-the-art AI technologies, development of an advanced mobile application that captures real-world objects via a phone camera and renders them into real-time 3D models. The platform also boasts a dynamic effects module that allows users to overlay various visual effects on created models, enhancing the visual appeal and usability of the platform.
- Development of a comprehensive Smart Home Automation System using Node.js, React, and MQTT, integrating various smart devices, implementing machine learning algorithms, and ensuring secure data management and scalability.

2016/11 – 2020/04
CA,US

Full Stack Developer
Floatbot

- Conceptualized and developed scalable web applications using ReactJS and AngularJS, showcasing proficiency in front-end development frameworks to create modern and user-friendly interfaces.

- Demonstrated expertise in building high-performance web applications and services capable of handling heavy traffic, leveraging a tech stack comprising React.js, Django, and MongoDB, emphasizing the ability to design and implement robust and efficient back-end systems.
- Proficient in creating internal tools and dashboards catering to various needs, from server-rendered pages to client-side applications, utilizing React and Node.js, highlighting a versatile skill set in full-stack development and an aptitude for solving complex problems
- Successfully contributed to team efforts, fostering a collaborative work environment, and demonstrated effective communication skills in explaining technical concepts to non-technical stakeholders.

2014/12 – 2016/09 Singapore	**Backend Developer** *KNOREX*

- Maintained a large web application using HTML/CSS, JavaScript, jQuery, PHP(Laravel) framework, and automated monthly supplier payments billing cycle using PHP and MySQL.
- Participated in meaningful and thorough code reviews.
- Designed and developed RestfulAPIs to maintain operations continuity and productivity.

Education

2012/09 – 2016/07	**Bachelor of Science** *American University of Armenia*

Skills

Object Oriented Programming
C++, C#, Python, Java, Javascript, Go

Database Management Tools
MySQL, PostgreSQL,
MongoDB, DynamoDB, BigQuery, Pinecone

Others
Unix/Linux, Docker, Kubernetes, AWS, GCP, Git,
Github, Bitbucket, Digital Ocean, Jira, Agile, CI/CD.

Web & Mobile Development
HTML, CSS, PHP, React, NextJs, Node.js, Express, NestJs
,Django, Flask, Fast API, Golang, Ruby, Flutter, React Native. RubyGraphQL,

Artificial intelligence
Machine Learning, Deep Learning, NLP, Tensorflow, Keras, PyTorch, NLTK, Transformer, BERT, BPT, OpenAI, Stable Diffusion, Dall-2