JEFF BARNETTE

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Professional Summary

Innovative and results-driven Senior Software Engineer with over 8 years of experience designing and delivering high-performance, scalable SaaS platforms and enterprise solutions. Proficient in Python (Django, Flask, FastAPI), JavaScript (Vue.js, React, Node.js), and a wide array of modern frameworks and cloud technologies. Adept at leading remote Agile teams, integrating cutting-edge AI solutions, and leveraging cloud platforms like AWS to drive impactful results. Passionate about solving complex challenges, mentoring teams, and delivering secure, user-focused software solutions.

Technical Skills

Programming Languages: Python, JavaScript, TypeScript, SQL, PHP, Java, Go

Frameworks & Libraries: Django, Flask, FastAPI, React, React Native, Vue.js, Node.js, TensorFlow, PyTorch, Scikit-Learn

Cloud Platforms: AWS, Google Cloud, Azure, Heroku, DigitalOcean

Databases: MySQL, PostgreSQL, MongoDB, DynamoDB, Firebase, Aurora

DevOps & Tools: Docker, Kubernetes, CI/CD, Git, GitHub Actions, Jenkins, Nginx, Redis

AI & Machine Learning: Generative AI (GPT, Claude, Gemini, etc.), LangChain, LlamaIndex, RAG, OpenCV

Agile & Collaboration: Scrum, Kanban, SAFe, Jira, Slack, Zoom, MS Teams, Azure DevOps, Miro, Figma

Soft Skills: Team Leadership, critical thinking, mentoring, communication, problem-solving

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Professional Experience

GroundCloud (Descartes) - Senior Full-Stack Software Engineer　　　　Aug 2022 - Current (2.5 Years)
Remote

- Played a key role in developing new features and driving improvements of a high-traffic SaaS platform used by FedEx and other delivery teams, focusing on performance, scalability, and security.

- Designed and implemented unit and integration tests within a robust CI/CD pipeline, ensuring seamless deployments and high-quality code delivery.

- Played a key role in leading Agile workflows (daily stand-ups, project planning, Kanban tracking), promoting alignment across remote teams and ensuring timely delivery.

- Actively contributed to cross-functional design discussions, conducted code reviews, and resolved complex production issues with minimal downtime by applying modern solutions and staying current with emerging technologies.

BringFido - Senior Full-Stack Software Engineer   Mar 2021 - Aug 2022 (1.5 Years)

<div align="right">Remote</div>

- Developed and maintained a high-traffic travel booking platform, ensuring PCI compliance and optimal performance.

- Modernized the codebase, leading a successful migration from legacy Python 2.x/Django 1.x to Python 3.x/Django 4.x, significantly enhancing functionality and security.

- Integrated key third-party APIs (e.g., Google Authentication, Expedia, Booking.com) to improve the user experience and platform functionality.

- Leveraged AWS services, including Elastic Beanstalk, CloudSearch, and API Gateway, to bolster scalability and reliability.

- Collaborated in a fully remote Agile environment, contributing to Kanban tracking and leveraging tools like Slack, Jira, and Zoom for effective team communication.

BriteCore - Full Stack Software Engineer   Oct 2018 - July 2022 (3.8 Years)

<div align="right">Remote</div>

- Delivered secure and user-friendly SaaS solutions tailored for the insurance industry, utilizing technologies like Python, Django, Flask, and Vue.js.

- Designed and managed an API demo platform featuring RESTful APIs, secure token authentication, and tools for prototyping and ETL functions.

- Played a critical role in developing infrastructure tools for testing, including a mock integration service and automated Selenium tests.

- Collaborated with clients to deliver proof-of-concepts and responded to RFI/RFPs, supporting business growth and addressing client needs.

- Streamlined AWS environments by implementing CloudFormation, Service Catalog, and CloudFront, ensuring robust and scalable deployments.

- Applied LEAN, SAFe, and Kanban methodologies to maintain efficiency in a fully remote Agile setup, participating in stand-ups and team retrospectives.

Education

Bachelor of Arts in Information Technologies   Southern New Hampshire University

<div align="right">Manchester, NH</div>

• Graduated Summa Cum Laude with a 4.0 GPA

• Outstanding Graduate Award recipient

• President's List honoree every semester

• Member of the National Society of Leadership and Success

A list of professional recommendations and additional work experience is available at jeffbarnette.com