

LINCOLN EAST

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SUMMARY

Results-driven Senior Software Engineer with 9 years of experience in full-stack development, specializing in scalable cloud-based applications and robust backend solutions. Proficient in a wide range of programming languages, frameworks, and cloud platforms, including Python, JavaScript/TypeScript, Django, Angular, AWS, and Azure. Proven track record of leading development teams, migrating legacy systems to modern architectures, and optimizing infrastructure for cost-efficiency and performance, achieving up to 40% cost savings and 99.99% uptime. Skilled in architecting intuitive, responsive interfaces and secure APIs, reducing API response times by up to 60% and improving data integrity and engagement. Strong communicator and problem solver with a commitment to delivering high-quality, user-centered solutions in fast-paced, agile environments.

SKILLS

Languages: Python, Typescript/Javascript, PHP, SQL, Go, C/C++

Frameworks: React, Node.js, Next.js, Django, Express.js, Redux, Flask, FastAPI, Angular, Redux.js, Fastify, Laravel, Celery

DATABASE: Oracle, PostgreSQL, MySQL, MongoDB, Redis

CLOUD & TOOLS: AWS Cloud (EC2, S3, Lambda), GCP (BigQuery, Cloud Functions, Firestore), Supabase, Cloudflare

API & Other Skills: REST APIs, GraphQL, Swagger/OpenAPI, Kubernetes, CI/CD, Scrapy, Docker, Selenium, prisma, Git, Bitbucket

PROFESSIONAL EXPERIENCE

Eldarion

Nashua, NH, USA

Senior Software Development Engineer

August 2023 - September 2024

- Lead the architecture and implementation of scalable web applications using Django and Angular, improving application performance by 35% through code optimization and leveraging Redis for caching.
- Spearhead the design and implementation of scalable web applications using Django and FastAPI, leading to a 30% increase in application performance and user satisfaction ratings.
- Integrated CI/CD pipelines with Docker and Kubernetes, automating deployment processes which resulted in a 50% reduction in release times and minimized human error.
- Managed cloud resources on AWS and Azure, optimizing service utilization and reducing operational costs by 20% through effective resource management and scaling strategies.
- Implemented error handling and data validation procedures using Python and Django, improving data integrity by 25%
- Spearheaded cloud migration projects utilizing AWS Cloud services (EC2, S3, Lambda), successfully migrating legacy applications to secure, cost-effective cloud infrastructure, reducing operational costs by 25%.
- Collaborated remotely with cross-functional teams to deliver the project within a 1-year contract period
- Initiated a code review process to enhance code quality and knowledge sharing, resulting in a 25% reduction in bugs and a more efficient onboarding process for new developers.

Jafton

Austin, TX, USA

Lead Software Development Engineer

June 2021 - May 2023

- Migrated legacy LAMP stack systems to modern Python backend with microservices architecture and Angular frontend
- Authored over 1000 Jira stories over the past year, meticulously detailing the development tasks and progress
- Individually architected the application, transforming it into the current robust software solution for reward and consultancy
- Managed a codebase of 15,000 LOC, acquiring an overall success rate of 95% throughout the leadership
- Developed and documented over 20 RESTful APIs and GraphQL endpoints, enhancing system interoperability while ensuring compliance with OpenAPI specifications.
- Guided team members in adopting Agile methodologies, facilitating regular scrums and sprint reviews, which improved project transparency and accountability.
- Utilized AWS Lambda and CloudWatch to efficiently manage and monitor data storage and processing on S3
- Designed and implemented a real-time data processing application using Python, leveraging Apache Kafka for message brokering, which facilitated instant data analysis and increased reporting efficiency by 30%.
- Implemented rigorous testing procedures and CI/CD pipelines, significantly reducing deployment time and enhancing application reliability.
- Automated data collection and analysis processes with Pandas and NumPy, increasing report generation speed by 50% and reducing manual effort.

- Mentored a team of 4 developers in best practices for backend development, including API security and performance optimization, significantly enhancing overall team output.

RapidDeploy

Software Development Engineer

Austin, TX, USA

June 2019 - June 2021

- Developed core functionality for Epica Labs's supply chain and mobile applications using Python and TypeScript
- Administered BI infrastructure in support of self-service analytics dashboards, ad hoc analytics, and reporting with Python
- Integrated Celery for distributed task processing, allowing asynchronous execution of background tasks and improving application responsiveness.
- Improved database queries and added caching, cutting API response times by 60% and reducing server load by 25%
- Documented company RESTful APIs using Swagger for internal and third-party use, and conducted unit and integration testing
- Contributed to the development of backend services using NodeJS and Fastify, resulting in a 20% improvement in API response times through effective code refactoring.
- Assisted in database design and management with MongoDB and Redis, optimizing performance for data-intensive applications while maintaining high standards of data consistency.
- Developed unit tests and integration tests using Jest, maintaining over 90% code coverage to ensure reliability and facilitate continuous delivery.
- Created data-driven applications using Django and PostgreSQL, implementing complex business logic that optimized user interactions and increased operational efficiency by 45%.
- Developed comprehensive RESTful APIs using Flask and integrated them with frontend services, ensuring robust data exchange and maintaining a seamless user experience.

Phronetik

Software Engineer

Plano, TX, USA

August 2016 - May 2019

- Built a high-performance Django API with PostgreSQL for a SaaS app, supporting 10,000 users and 99.9% uptime
- Performed analysis of log files and triaged incoming issues for web and mobile applications using Postman
- Set up automated testing and CI/CD pipelines, cutting deployment time by 80% and reaching 95% code coverage
- Built a Python library for data validation, cutting data errors by 70% and enhancing healthcare data reliability
- Implemented RESTful APIs using Node.js and Express.js speeding up front-end and backend communication
- Developed and integrated APIs with Remix, enhancing data communication across multiple services and increasing API efficiency by 30%.
- Developed Python scripts to automate repetitive data entry tasks, significantly reducing errors and freeing up engineering resources for other projects.
- Designed and optimized database schemas using MySQL and Oracle, implementing advanced query techniques that improved data retrieval times by 40%.
- Architected and developed dynamic web applications using PHP and Laravel, applying best practices in RESTful API design, which facilitated seamless third-party integrations and improved system flexibility.
- Collaborated in the development of a complex web application using Django and React that facilitated project management workflows, resulting in a 30% increase in team productivity.

EDUCATION

Texas State Technical College

Bachelor's, Computer Science

April 2012 - May 2016

GPA: 4