

ADAM STERN

Full Stack Developer

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PROFESSIONAL OVERVIEW

Senior Backend Engineer with over 10 years of experience building and scaling backend systems, APIs, and data platforms across fintech, healthcare, and e-commerce. Specialized in Python, Django, SQL, and distributed cloud native architectures with AWS, Docker, and CI/CD. Proven ability to design low latency APIs, develop scalable data pipelines, and lead engineering initiatives in high growth and early stage environments. Recognized for a strong product mindset, mentoring teams, and delivering backend solutions that directly power customer facing innovation.

WORK EXPERIENCE

Senior Full-Stack Developer

03/2021 – Present

Skyline Commerce

- Reframed role as **Senior Backend Engineer**, leading architecture and backend development for a high-availability e-commerce platform
- Designed and implemented **Python Django backend APIs**, handling millions of transactions monthly with **sub-50ms latency**
- Built **scalable cloud infrastructure** using AWS CDK, Docker, and Kubernetes, improving system reliability and scalability
- Developed and maintained **CI/CD pipelines**, automated testing workflows, and deployment processes
- Mentored junior developers, established team-wide coding standards, and drove best practices in backend engineering
- Partnered with product owners to align backend architecture with business objectives, enabling rapid feature delivery

Backend Developer

03/2018 – 02/2021

WellCore Health

- **Engineered** and maintained HIPAA-compliant internal applications for patient scheduling, electronic health records, and therapeutic tracking.
- **Developed** RESTful APIs and microservices to enable seamless integration with third-party health platforms and devices.
- **Translated** clinical requirements into scalable, user-friendly front-end interfaces leveraging React.js and responsive design principles.
- **Implemented** rigorous security protocols and conducted code reviews to safeguard sensitive patient information..
- **Optimized** database performance and ensured data integrity using PostgreSQL and MongoDB, implementing efficient queries, indexing strategies, and backup routines.

Junior Full-Stack Developer

12/2015 – 02/2018

TrackFin Analytics

- Contributed to **financial data backend systems** supporting global analytics initiatives
- Developed backend services for **data dashboards and reporting tools**, ensuring accurate multi-source financial datasets
- Conducted **data integration, validation, and optimization**, improving processing speed and accuracy
- Supported team and stakeholders with documentation, training, and technical walkthroughs
- Assisted in code maintenance, bug fixes, and backend feature development under senior engineer guidance

PROFESSIONAL SKILLS

Core Skills

Backend Development: Python, Django, FastAPI, Node.js, Express, REST API design

Data Engineering: SQL, PostgreSQL, MySQL, MongoDB, Redis, ETL pipelines, PySpark, Databricks

Cloud and Infrastructure: AWS, Lambda, S3, RDS, CDK, ECS, Docker, Kubernetes, CI/CD automation

System Design: Distributed systems, microservices, high throughput transaction pipelines

Security and Compliance: HIPAA, PCI, secure coding practices

Collaboration and Leadership: Agile, cross functional teamwork, mentorship, product alignment

API Design & Integration

Skilled in developing and consuming RESTful APIs and microservices to enable seamless communication between systems and third-party services.

Full-Stack Web Development

Proficient in building robust front-end and back-end applications using JavaScript (React.js, Node.js), HTML5, CSS3, and Python/Django.

Cloud Infrastructure & DevOps

Hands-on experience deploying and maintaining applications on AWS with CI/CD pipelines, Docker containers, and version control using Git.

Database Management

Experienced with SQL (PostgreSQL, MySQL) and NoSQL (MongoDB) databases, including schema design, optimization, and data migration.

Responsive UI/UX Development

Expertise in designing and implementing responsive, user-friendly interfaces optimized for performance and accessibility across devices.

Mentorship & Leadership Experienced in mentoring juniors

Experienced in mentoring junior developers, conducting code reviews, and fostering best practices to enhance team productivity and code quality.

Agile Development & Collaboration

Proficient in Agile methodologies, sprint planning, cross-functional teamwork, and using collaboration tools like Jira and Confluence.

Security & Compliance

Knowledgeable in implementing data protection standards, including HIPAA compliance and secure coding practices for handling sensitive information.

Soft skills

Leadership and collaboration skills show you're not just a coder but a team player and mentor.

Business alignment Agile and cross-functional

Agile and cross-functional teamwork indicate you can work well in fast-paced, iterative environment.

Real-world tools

Includes cloud (AWS), DevOps, and databases — essential for modern full-stack roles.

ACHIEVEMENTS

- Designed and deployed **low-latency APIs** processing millions of transactions monthly
- Built and optimized **scalable data pipelines and ETL workflows** supporting analytics and ML enrichment
- Led **infrastructure modernization** using AWS, Docker, and Kubernetes
- Mentored and guided **junior and mid-level backend engineers**, improving team productivity and code quality
- Delivered **production-ready backend systems** in fast-paced, early-stage environments

EDUCATION

Bachelor of Science in Computer Science

2015