Jay Dave

davejay1999@gmail.com — +1 (551) 328-4697 — LinkedIn — Github — New York, USA

Skills

Languages: Java, Python, TypeScript, JavaScript, SQL, GraphQL
Backend & Frontend: Django, Spring Boot, Node.js, REST APIs, Microservices, React
Cloud & Infra: AWS (EC2, Lambda, SQS, EKS), Docker, Kubernetes, Jenkins, PostgreSQL, Redis, Kafka

Experience

Consultadd Inc — Software Engineer *Jul 2025 – Present*
Remote

- Built scalable agentic workflows for a civil-litigation AI platform, improving legal document retrieval accuracy by 30%, by implementing retrieval-augmented generation (RAG) pipelines backed by vector search and Elasticsearch.

- Reduced inter-service latency by 40% by designing event-driven orchestration between coordinator and task-specific AI agents using AWS SQS and Redis Session Manager.

- Accelerated release cycles by 25% by implementing multi-branch CI/CD pipelines with Jenkins, Docker, ArgoCD on AWS EKS, including automated testing and containerized deployments.

Bright Mind Enrichment and Schooling — Software Engineer *Jul 2024 – Jun 2025*
Jersey City, NJ

- Improved API performance by 25% by designing asynchronous REST and GraphQL services in Django, applying Redis caching, query optimization, and efficient data-fetching patterns.

- Increased user retention by 30% and reduced page load times by 35% by building responsive React interfaces and integrating real-time updates via Firebase.

Flash Tech Company — Backend Developer Level 2 *Mar 2021 – Aug 2022*
Gujarat, India

- Refactored a monolithic e-commerce platform into microservices using Django REST Framework, Celery and Kubernetes, increasing system throughput by 40% and improving deployment isolation.

- Improved platform reliability and performance by reducing downtime by 25% and compute usage by 20% through SQL optimization, Redis caching, gRPC-based services, and centralized monitoring.

Awaaz De Informatics Ltd — Junior Software Engineer *Jan 2020 – Feb 2021*
Gujarat, India

- Built multilingual voice and SMS systems supporting 60+ use cases across 10+ languages and scaled daily call volume from 50K to 300K while reducing latency by 30%.

- Improved system stability and observability by introducing Prometheus/Grafana monitoring and collaborating cross-functionally on API design and documentation.

Certifications

AWS Certified AI Practitioner Credential Verification (Credly)

Education

Stevens Institute of Technology — M.S. Software Engineering (GPA: 3.98), NJ *Sep 2022 – May 2024*
DA-IICT — B.Tech ICT, Gandhinagar, India *Aug 2016 – Jul 2020*