

PROFESSIONAL SUMMARY

Senior Software Engineer with a proven track record of leading teams of **3+ engineers** to design and deliver **scalable, performant**, and **secure** products across **frontend, backend**, and **cloud infrastructure**. Demonstrated expertise in **AI/LLM integration** using **LangGraph, LangChain**, and in building an **AI agent-powered workflow builder**. Highly experienced in taking **full ownership of products** from architecture through deployment, including developing **SIEM** and **SOAR** platforms in the cybersecurity domain and a **low-code** eLearning SaaS product entirely from scratch. Possesses strong system design skills for **high-throughput platforms** processing **TB-scale** data. Passionate about **mentoring engineers**, driving technical excellence, and solving complex, high-impact engineering challenges. Seeking Senior Software Engineer opportunities that blend **technical leadership** with **end-to-end product development** and **architectural ownership**.

TECHNICAL SKILLS

- Programming Languages:** Python, TypeScript, JavaScript
- Frameworks & Libraries:** Django, FastAPI, Flask, Node.js, Express.js, React.js, Next.js, Vue.js, Tailwind CSS, React Query
- Databases:** PostgreSQL, MongoDB, MySQL, Redis
- Task Queues & Messaging:** Celery, RabbitMQ, AWS SQS, AWS SNS
- Gen AI & LLM:** LangGraph, LangChain, OpenAI, ChatGPT, Claude
- DevOps & Cloud:** Docker, Kubernetes, AWS EC2, AWS RDS, AWS Lambda, AWS S3, AWS CloudFront, AWS API Gateway, GitHub Actions
- Tools & Technologies:** Cursor AI, Git

EXPERIENCE

Software Engineer01/2024 - present
DNIF HYPERCLOUD | Mumbai, India

- Led a team of **3 engineers** to build a **SOAR** (Security Orchestration, Automation and Response) platform featuring a dual-mode workflow builder: drag-and-drop visual editor using **React and TypeScript**, and **AI agent-powered** natural language workflow builder using **LangGraph, LangChain, FastAPI, Celery, Redis, and PostgreSQL**.
- Migrated a distributed SIEM platform ingesting up to **2.5 TB/day per customer** to a **Kubernetes-based shared compute architecture** using Spark and Celery with KEDA, reducing AWS compute costs by **40%**.
- Enhanced query performance by **3.2x** and lowered average latency by **68.75%** using query segmentation and parallel execution strategies.
- Implemented ZFS disk-level caching and Redis-based metadata caching, reducing S3 and PostgreSQL reads by **65%** and DB metadata reads by **90%**.
- Built a **license-aware task scheduler** with query quota enforcement, Redis pub/sub for deferred execution, and Celery + RabbitMQ orchestration.
- Developed a high-throughput log ingestion pipeline handling **40,000+ events/sec** via TCP/UDP and RabbitMQ queues.
- Designed a **bulk log export service** using Celery and Redis to asynchronously process and upload tens of gigabytes to AWS S3.
- Created a Python-based custom query parser to convert queries to SQL, increasing query success rate by **95%**.
- Built and maintained **FastAPI-based backend services** connected with PostgreSQL, Redis, and Celery for scalable ingestion and querying.
- Developed dynamic data visualizations using **React and TypeScript** for security analytics dashboards.

Full-Stack Developer07/2021 - 12/2023
Zilliobit Interactive Private Limited | Mumbai, India

- Designed and developed a **scalable SaaS authoring platform** (https://zeltoauthoring.com) using Django, Vue.js, React.js, and Node.js.
- Built a **secure payment system** with Stripe and PayPal integrations, enabling global transactions.
- Implemented **Single Sign-On (SSO)** with **OAuth 2.0 and SAML** between authoring tool and LMS.
- Reduced data storage by **20%** through asset reuse strategy.
- Used Redis-based caching to reduce DB load by **30%** and improve responsiveness by **20%**.
- Deployed infrastructure using Docker and AWS (EC2, RDS, Lambda, S3, CloudFront, SQS) resulting in **40% scalability improvement**.
- Created a CI/CD pipeline using GitHub Actions, enabling **5x faster deployments**.
- Leveraged AWS Lambda for image thumbnail generation, reducing bandwidth by **40%**.
- Automated backend ops like file cleanup and email notifications using Celery, cutting manual effort by **80%**.
- Built an export system using AWS SQS to package and deliver large course assets reliably.

EDUCATION

Bachelor of Computer Engineering (2017 - 2021)CGPA
Rizvi College of Engineering, Mumbai8.6 / 10.0

PROJECTS

Cricbuzz CloneView Project08/2024

- Developed full-stack clone of Cricbuzz with **Node.js, TypeScript, Express, MongoDB, and PostgreSQL** on backend
- Built responsive frontend using **React.js, TypeScript, Tailwind CSS, and React Query**.
- Designed scalable APIs for match stats, user data, and **real-time updates**.
- Currently building admin dashboard to manage platform operations.