

TANUJ SHARMA

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PROFESSIONAL SUMMARY

Full-Stack Engineer with 3+ years driving high-performance web systems using Python (Sanic, Flask) and React/Next.js. Architected microservices handling terabyte-scale file transfers, slashed DB latency by 40% with advanced Redis optimization, and accelerated product delivery via CI/CD automation. Strong track record in secure system design (OAuth2, OIDC), cloud-native deployments (AWS, Docker), and AI workflow automation using GPT models.

SKILLS

Languages/ Frameworks: Python (Flask, Sanic), Javascript (React, Next), SQL (PostgreSQL), NoSQL (ElasticSearch)

Cloud/ DevOps: AWS (S3, SQS, SNS, Lambda), Docker, Nginx, CI/CD, OAuth2, OIDC

Tools/ Technologies: Redis, Kafka, SendGrid, Git, RESTful APIs

WORK EXPERIENCE

Stylumia

Software Engineer

Bengaluru, India

June, 2023 – Present

- Developed a scalable Progressive Web App using React and Sanic to manage 1,000+ product trends; optimized **Redis** caching to **reduce DB load by 30%** and improve response times by **40%**
- Built a microservice in **Python (Sanic)** for large file uploads (up to 1TB) with **AWS S3**, enabling seamless data exchange and automated file cleanup using **AWS Lambda**
- Spearheaded stack upgrade from React 14 to 18, integrating **Docker**, **Nginx**, and **CI/CD pipelines**; cut rendering time by **80%** and boosted release velocity
- Delivered PDF/Excel export microservices with web templating and **S3 storage**; integrated **SendGrid** and **AWS SNS** for automated reporting and alerts
- Implemented **OIDC & OAuth2** for secure **org-level SSO**; reduced login latency by **50%** and strengthened security compliance
- Automate many services process using Gemini and GPT models, incorporating **rate limiting** and increased speed by **3x** with average time

Stylumia

Software Engineer Intern

Bengaluru, India

Jan, 2023 – June, 2023, Full-time

- Standardized code quality by integrating **ESLint** across React UI codebase; reduced production bugs by **50%**
- Developed automation scripts for database migrations
 - Streamlined migration processes across both **SQL** and **NoSQL** databases, improving deployment efficiency.
- Delivered high-priority project features on time, aligning with business objectives and stakeholder expectations with **agile** feature development, **collaborating** with cross-functional teams

EDUCATION

Bachelor of Technology (B.Tech), Information Technology

Guru Nanak Dev Engineering College

CGPA : 8.5/10

July 2019 – Jun 2023

PROJECTS

Path Visualizer | [Live](#) | [Github](#)

- * Developed a dynamic graph visualization web application using **ReactJS** and **SCSS**, implementing algorithms like **BFS**, **DFS**, and **Dijkstra** alongside customizable patterns (diagonal, spiral, maze, random).

Cause | [Github](#)

- * Developed a user-driven Q&A web platform using **Spring Boot**, **ReactJS**, **Docker**, and **Firebase**, enabling seamless doubt resolution with Restful APIs for backend logic; integrated **MongoDB** for scalable data storage