

TANUJ SHARMA

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SKILLS

Languages/ FrameWorks: Python (Flask, Sanic), Javascript (React JS, Express JS, Node JS)
Also Familiar with: Java (Spring Boot), SQL (PostgreSQL)

Databases/Tools: Elastic Search, Redis, Docker, AWS(SQS, SNS, Lambda, S3), Kafka, Cursor
Also Familiar with: MongoDB, AI Agents

WORK EXPERIENCE

Stylumia

Software Engineer

Bengaluru, India

June, 2023 – Present

- Co-led the development of a scalable Progressive Web Application (PWA) for managing over **1,000+** product trends using **React** and **Sanic**
 - Optimized system performance by implementing **Redis**, reducing database hits by 30% and improving response time by **40%**.
- Developed a microservice in **Sanic (Python)** for managing and processing large file uploads (up to **1TB**) with **AWS S3** integration. - Enabled seamless file sharing and automated workflows, ensuring efficient data transfer - Designed and implemented **AWS Lambda functions** to clean up incomplete files and delete outdated project files, optimizing S3 storage usage
- Upgraded the application stack from React 14 to React 18 and also integrated **Nginx**, **Docker**, and a CI/CD pipeline
 - Achieved an **80%** reduction in rendering time and significantly improved development-to-deployment efficiency.
- Worked on scalable export microservices (PDF/Excel) for tool insights, **AWS S3**, web templating, **AWS SNS** and **SendGrid** for email alerts
- Integrated **OIDC** and **OAuth2** protocols for organizations tools, reduced authentication time by **50%**, while ensuring compliance with industry security standards
- 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

- Implemented and enforced **ESLint** across the UI codebase
 - Reduced development errors by **50%**, ensuring high code quality and consistent coding standards.
- 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

Guru Nanak Dev Engineering College

Bachelor of Technology, Information Technology

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