

Sashwat Sharma

Senior Software Engineer

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Links

Github:// [Sashwat07](#)

LinkedIn:// [sashwat-sharma](#)

My Portfolio:// [sashwat-sharma](#)

Skills

LANGUAGES

Javascript, Typescript, Python, C++

FRAMEWORK

React, Node.js, Nest.js, Express
Flask, Kubernetes, Elastic Search

DATABASE

MongoDB,
MySQL,

CLOUD PLATFORMS

Azure, AWS, AWS Lambda, S3,
Amplify, EC2, App Runner, ECR

Education

B.TECH. (CSE)

IIIT DHARWAD

2020(GRADUATE)

INTERMEDIATE

Heliger Borden Education Center, (ISC)

2014

Courseworks

Data Structures & Algorithms

Machine Learning & Deep learning

Cloud Computing

Data Science

Experiences

Krowd (Senior Software Engineer)

(2023-Present)

Developed a recommendation system that suggests restaurants based on user events, improving user engagement. I handle backend services and frontend development using **FastAPI**, **Redshift** and **React**. I was involved in optimizing a time-consuming transaction pipeline, refining data processing and validation to create a single source of truth. Improved transaction processing time by 50%. This allows various teams to efficiently access and utilize data, supporting new features and solutions.

Cataloging.ai (Senior Software Engineer)

(2022-2023)

Implemented secured API-gateway from scratch with **Auth0** and logging capabilities for usage tracking in **NestJS**. Built a scalable backend Platform for real-time price tracking and analysis using **Elastic search**, **NestJS** and **MongoDB**, improving pricing strategies for the organization. Delivered project on time and within budget, collaborating with cross-functional teams. Contributed to architecture design, code reviews, and performance optimizations.

Inspektlabs.ai (Full Stack Developer)

(2021-2022)

Working as part of Full stack development team where dealing with backend feature additions and Frontend design pertaining to feature. Worked on development and optimization of **Vehicle damage detection tool** which involved React for frontend and Flask for backend ML model serving. Improving the pipeline of the workflow

Praktice.ai

Intern (2020-21)

Worked on end to end Chatbot development based on **AWS services** and **Google Dialogflow**. This was a POC project which involved evaluation of different existing chatbot toolkits.

Projects

Labelling Tool

React, Python

Developed a labelling tool for vehicle and damage detection and optimise end to end pipeline to achieve inference time under **2 sec** from **8 sec**. Used **JWT token** for authentication and Azure's storage for storing data and also build a blog website for using **Typescript**.

Market Price Analysis

React, Nest.js, Elastic Search

Developed a real-time **price tracking** platform which analyzed market trends, generated reports, and optimized pricing strategies. Web crawlers collected data from multiple platforms for effective comparison. User-friendly interface and rigorous testing ensured **reliability** and **scalability**. This project had direct revenue impact.

Active Hive

React, Node.js

I spearheaded a project to connect individuals in close proximity with similar interests. This innovative platform captures users' educational backgrounds and hobbies. Leveraging **Redis for efficient caching** and **OAuth for secure authentication**, the robust backend is built with NestJS and MongoDB, enabling seamless interactions and fostering a vibrant community.