

SONU KUMAR SHARMA

SOFTWARE ENGINEER

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PROFESSIONAL SUMMARY

- Innovating at the intersection of AI and web technologies, building intelligent, scalable applications that bridge research and real-world impact.

SKILLS

Programming: Python, C++, JavaScript, HTML, CSS, Node.js, Express.js

Frameworks: React.js, Next.js, Flask, Streamlit, Django

ML & AI: scikit-learn, TensorFlow, PyTorch, Computer Vision, NLP, Generative AI, LLMs

Data: Pandas, NumPy, Matplotlib, PowerBI

Databases: SQL (Postgres/MySQL), MongoDB, VectorDB

APIs & Cloud: REST APIs, FastAPI, AWS, Docker, CI/CD

Tools & Practices: Git, GitHub, Vercel, Netlify; Agile collaboration

INTERNSHIPS & EXPERIENCE

Ardent Computech Pvt. Ltd.

May 2025 – July 2025

Data Science with AIML (Python)

On-site

- Built ML models (scikit-learn) and improved performance through feature engineering (20% gain).

Gourav Go Technologies

October 2023 – November 2023

Web Development & Hosting

Online

- Built responsive websites and learn domain and hostings

Slash Mark IT Startup

May 2024 – June 2024

AI/ML Training

Online

- Implemented CV/NLP prototypes with TensorFlow/PyTorch; improved model baselines for demos.

PROJECTS

VaibhavShree — E-commerce Platform | *HTML, CSS, JavaScript*

Live Demo

- Full-stack HTML, CSS, Javascript based website, with whatsapp redirect feature to direct communication.

Prescripto — Healthcare Management System | *React, Node.js*

Live Demo

- React frontend + Node.js/Express backend; patient records, appointments, analytics dashboards.

ToneMatchAI — Skin-tone Detection & Recommender | *OpenCV, TensorFlow*

Live Demo

- OpenCV preprocessing + TensorFlow model; demo via Streamlit for real-time recommendations.

DocuCraft — Document & Image Prep | *Python, Streamlit*

Live Demo

- Automated formatting in Python; Streamlit UI reduced manual prep by 50%.

AI Image Editor — Photo Editor | *OpenCV, Streamlit*

Live Demo

- OpenCV-based image processing and enhancement tools exposed via Streamlit.

CERTIFICATIONS & COURSES

- Kaggle — Machine Learning
- Coursera — NLP; Effective Communication; Project Management
- HackerRank — Software Engineering

EDUCATION

Arka Jain University (NAAC A+)

2022 – 2026

B.Tech, Computer Science & Engineering

CGPA: 8.8 / 10