SUKRITI SINGH

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EDUCATION

Pranveer Singh Institute of Technology   Kanpur, India
Bachelor Of Technology, GPA: 8.04   **December 2020 - June 2024**
Bishop Johnson School and College   Prayagraj, India
Intermediate   **April 2019 - May 2020**

SKILLS SUMMARY

Languages: Python (Primary), JavaScript, SQL, Java (Basic), SAP ABAP (OOP, Enhancements, BADIs, BAPIs), HTML/CSS, React
Machine Learning: Neural Networks, CNN, SVM, Random Forest, Time Series, TensorFlow, Keras, Scikit-Learn, Data science
Tools & Platforms: Git/GitHub, SAP S/4HANA, Eclipse ADT, Azure Cloud, GitHub Actions
Software Engineering Skills: Debugging large systems, code reviews, performance optimization, modular OOP design, scalable system design fundamentals
Soft Skills: Ownership, Fast Learning, Communication, Cross-team Collaboration, Problem Solving

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WORK EXPERIENCE

Packaged App Developer – **Accenture**   *Aug 2025 – Present*

SAP Application Development

- **Owned and delivered end-to-end features** in enterprise-scale applications, ensuring reliability, maintainability, and seamless integration across systems.
- Worked extensively in a **large production codebase**, debugging runtime & memory issues using ST22, ST05, and performance traces to ensure stable system behavior.
- Collaborated cross-functionally with functional consultants, QA teams, and senior engineers to **ship features across multiple Agile sprints**.
- Performed **peer code reviews**, provided actionable feedback, and helped maintain coding standards.
- Built SQL validations and data-quality checks to improve system accuracy across integrated modules.
- Automated repetitive engineering workflows via Python scripts—**reducing manual effort by ~30%**.
- Authored clear **functional-technical documentation** to support long-term maintainability and onboarding.

Platform Engineering & Automation   *Aug 2024 – Aug 2025*

Internal Cloud Enablement Team

- Built **Python-based automation tools** to support internal cloud platform workflows.
- Developed **GitHub Actions pipelines** to validate requests, trigger automated jobs, and provide deployment status.
- Integrated **GitHub APIs** for repository management, approvals, and workflow orchestration.
- Created backend scripts to automate **environment setup and configuration tasks** for development teams.
- Implemented logging, error handling, and basic validation to improve platform reliability.
- Worked closely with multiple teams to simplify onboarding and deployment workflows.

PROJECTS

Gesture Recognition System (Python, CNN, OpenCV, Tkinter)| LINK   **September 23 - December 2023**
- Built a **real-time gesture recognition engine** using CNNs with **95% accuracy**.
- Designed a Tkinter-based UI and shipped a working prototype.
- Optimized the inference pipeline for faster frame processing.

Personalized Product Recommendations (Flipkart Grid 5.0) | LINK   **August 23 - September 2023**
- Improved user engagement by **15%** via a personalized ML pipeline.
- Optimized SQL queries for a **25% reduction in response time**.
- Integrated a React UI to demonstrate end-to-end solution ownership.

Security Monitoring System and Intrusion Detection In Remote Farm Areas | LINK   **November 22 - February 2023**
- Engineered a Python + OpenCV–based monitoring system capable of anomaly detection in remote areas.
- Simulated real intrusion scenarios and fine-tuned detection accuracy.
- Built a simple web UI for real-time updates using HTML/CSS/JS.

HOBBIES

Continuous learning in AI & Machine Learning, Reading on behavioral psychology, Creative writing, and Badminton

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ACHIEVEMENTS and CERTIFICATES

SAP Certified Associate - SAP Generative AI Developer | CERTIFICATE
SAP Certified Associate - Back-End Developer - ABAP Cloud | CERTIFICATE
Microsoft Certified – GitHub Copilot | CERTIFICATE
Microsoft Certified – Azure Fundamentals | CERTIFICATE
Mathematics for Machine Learning - Imperial College London | CERTIFICATE
Computer Fundamentals - University Of Illinois | CERTIFICATE