Sushant Sharma

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LinkedIn   Github

TECHNICAL SKILLS

- Programming Languages: Java, Python, C++, XML, CSS, HTML, SQL, JavaScript
- Markup Languages & Frameworks: Django, TensorFlow, OpenCV, Flask, RESTful APIs, NiFi, Docker, Kafka, Spring Boot
- Platforms & Tools: Android Studio, IntelliJ, Tableau, Microsoft Project, GitHub, Git, PyCharm, Selenium, Linux
- Key Proficiencies: Software Development, DevOps, Machine Learning, NLP, Android, OOPs, Full Stack

EDUCATION

Master of Applied Computing   May 2024 – Present
University of Windsor, Windsor, Ontario
- **Final semester includes a 4- or 8-month internship starting May 2025.**

  Coursework: Advanced Software Engineering, Artificial Intelligence, Finance, Advanced Database Systems, Internet Applications and Distributed Systems, Networking and Data Security, Advanced System Programming

Bachelor of Technology in Computer Science and Engineering   July 2019 - June 2023
Lovely Professional University, Punjab, India

  Coursework: Predictive Analysis, Cloud Computing, Operating Systems, Android, Data Structures and Algorithm Design

EXPERIENCE

Software Engineer   June 2023 – April 2024
NK Industries, Una, India
- Developed Python-based ML analytics, saving ₹8,00,000 annually by reducing consultant reliance.
- Automated processes, improving efficiency by 30% and reducing inventory wastage by 15%.
- Provided reports for decision-making, enhancing productivity by 20%.

Tech Event Coordinator   Oct 2019 - Apr 2022
Gravity LPU, Punjab, India
- Coordinated events using project management tools (MS Project etc.), enhancing operational efficiency.
- Led 50+ coding events, engaging 200+ participants, improving team problem-solving by 20%.

PROJECTS

Portfolio (2025)
HTML, CSS, JavaScript, Responsive Design, Accessibility, SEO Optimization
- Developed a responsive, SEO-friendly portfolio with dynamic navigation, dark mode toggle, and engaging animations. Implemented custom JavaScript for smooth scrolling, sidebar interactions, and optimized performance.

Model Accelerator: Optimized Inference Pipeline (2024)
C++, ONNX Runtime, OpenCV, PyTorch, TensorFlow, CMake
- Achieved a 50% reduction in inference time and improved model efficiency by implementing optimizations and preprocessing images using ONNX Runtime and OpenCV.

SmartPay-UPI Canada: QR-Based Payment System (2025)
Python, Blockchain, OpenCV, QR Code APIs, SMTP, bcrypt, JSON, CSV
- Developed a secure payment platform featuring QR code transactions, automated email notifications, user authentication, role-based access, daily transaction limits, and blockchain-backed security for enhanced scalability and reliability.

PropertyInsight: Advanced Real Estate E-Commerce Platform (2024)
Java, Selenium, Web Scraping, Multithreading, Trie, CSV Processing, Boyer-Moore Algorithm, Inverted Indexing, debugging
- Built a scalable platform integrating real-time web scraping, dynamic property ranking, and Trie-based search optimization, processing over 10,000 listings efficiently.

CONFERENCES

Twitter Sentiment Analysis on COVID-19
- Presented at ICCS-2023 (KILBY100), showcasing NLP techniques using Python and applying diverse ML algorithms like Logistic Regression, Random Forests, SVM, and Gradient Boosting etc. for real-time sentiment analysis.

CERTIFICATES & TECHNICAL TRAINING

RESTful API Developer, LinkedIn
Data Structure and Algorithm, GeeksforGeeks
Agile Project Management with Jira Cloud, LinkedIn