

SHUBHANKAR KAUSHIK

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PERSONAL SUMMARY

Engineer who builds automation pipelines and LLM-powered internal tools that cut manual effort and improve operational efficiency. Hands-on with agent orchestration, MCP servers, and no-code/low-code platforms like n8n, backed by practical Python and JavaScript for building API integrations, data pipelines, and lightweight internal tools.

EDUCATION

Jaypee Institute of Information Technology B. Tech ECE	Noida Oct 2021 - Jul 2025
Delhi Public School Rajnagar PCM + CS (Python)	Ghaziabad Aug 2019 - Jul 2021

EXPERIENCE

Bullit Fintech <i>SDE</i>	Bengaluru Aug 2025 – Present
- Built and deployed a Model Context Protocol (MCP) server exposing internal APIs and data services to AI agents, giving LLM-powered applications structured tool access and improving system interoperability. - Built an end-to-end AI agent orchestration pipeline backed by a knowledge graph for contextual codebase intelligence, enabling autonomous development workflows with minimal human oversight and iterative agent collaboration. - Designed and deployed 5+ automated workflows in n8n, improving operational efficiency and minimizing the need for manual code changes. - Developed user engagement and notification pipelines, defining a scalable approach to customer communication across key touchpoints. - Designed a unified data management layer to establish a single source of truth across three independent data repositories, improving data consistency and reliability. - Built full-stack features for a loan management platform used by 30+ connectors, reducing lead allocation time by 40% through process optimization.	
Orangewood Labs <i>SDE Intern</i>	Noida May 2024 – Nov 2024
- Designed computer vision pipelines with Python, OpenCV, and YOLOv8, achieving precise 6-DOF robot object tracking. - Automated training workflows with Python scripts, improving iteration speed by 30%. - Containerized the company's software with Docker, streamlining installation and setup across systems by 50%.	
Wizard Infoways Pvt Ltd <i>Full Stack Developer Intern</i>	Noida Jun 2023 - Jul 2023
- Created a custom Django API for a feedback form on a React.js website, ensuring seamless data integration and feedback management. - Implemented responsive UI updates and ensured smooth data flow between frontend and backend	

SKILLS

Technical:	Python, React.js, Express.js, Node.js, Computer Vision, Three.js, n8n, Firebase, SQL, Figma, Blender
Soft Skills:	Leadership, Team Management, Problem Solving, Creativity, Conflict Resolution

PROJECTS

TradeSim	[Website Link]	[GitHub]
- Built a Python FastAPI backend to handle real-time order matching and trade metrics (latency, slippage). - Trained and deployed a machine learning model using Pandas & scikit-learn to predict future mid-prices. - Used MongoDB to process historical trading data and generate insights for simulated trading scenarios.		