

Amish Singh

+91-7002780696 | amishsingh1210@gmail.com | LinkedIn | GitHub

EDUCATION

Kalinga Institute of Industrial Technology <i>Bachelor of Technology in Computer Science and Engineering; GPA: 79.9%</i>	Bhubaneswar, Odisha 2021 – 2025
Miles Bronson Residential School <i>AISSCE (CBSE) Class XII; Percentage: 82.6%</i>	Guwahati, Assam 2019 – 2021

SKILLS

Languages: Python, SQL, HTML/CSS, C
Libraries: Pandas, NumPy, Flask, Selenium, RabbitMQ, AsyncIO, Scikit-Learn
Tools: MongoDB, MySQL, Power BI, Excel (Pivot Tables, Advanced Dashboards), Git/Version Control
Expertise: ETL Pipelines, Web Scraping, Machine Learning, System Design

EXPERIENCE

Associate Python Developer <i>Provakil (PVKL Technologies)</i>	2025 – Present On-site
<ul style="list-style-type: none">Architected robust web scraping pipelines for high-traffic legal platforms, achieving 99% data uptime, scalable architecture and leading cross-functional project sprints.Developed an automated document parser using Adobe PDF-to-Excel APIs, standardizing 5+ disparate formats into unified CSV structures for analytics.Optimized backend data extraction logic, resulting in an 18% reduction in data miss rates and significantly enhancing parsing accuracy.Collaborated with the Data-Entry team to automate manual workflows, saving approximately 120+ man-hours per week.	
Business Analyst (Freelance) <i>Sharma Enterprises</i>	May 2023 – Nov 2024 Hybrid
<ul style="list-style-type: none">Optimized logistics data workflows by 25% by identifying process bottlenecks and implementing tracking solutions.Developed a Custom Transport Management System (TMS) and internal Power BI dashboards, providing real-time visibility into operational KPIs.Conducted cost-saving audits and data-driven logistics analysis, leading to a 15% reduction in annual operational costs.	

PROJECTS

Jobs & Referral Extraction Platform <i>Python, RabbitMQ, Selenium, MongoDB</i>	Sept 2025 – Jan 2026
<ul style="list-style-type: none">Engineered a distributed scraping engine using RabbitMQ for parallel processing, scanning 50,000+ profiles across LinkedIn and Indeed.Aggregated 12,000+ high-intent potential referrals by syncing 400+ targeted keywords, building a high-conversion lead database.	
WIFI-MAC Based Attendance Database System <i>Flask, Python, MySQL</i>	Aug 2024 – Nov 2024
<ul style="list-style-type: none">Architected a secure Flask-based authentication layer utilizing unique MAC addresses for device validation, ensuring high-fidelity tracking for 100+ unique devices.Engineered seamless database-to-frontend integration using MySQL, enabling real-time attendance monitoring and auto entry logging.	
Disease Prediction & NLP System <i>Scikit-Learn, Pandas, NLP, Python</i>	Jan 2024 – Apr 2024
<ul style="list-style-type: none">Created a Machine Learning diagnostic tool using NLP to predict ailments from symptoms with high classification accuracy.Integrated a smart mapping engine to recommend specific Ayurvedic formulations based on real-time disease profile predictions.	

CERTIFICATES

Google Data Analytics Professional Certificate	2024
IBM Certified: Data Analysis with Python	2024
365DataScience: Machine Learning in Python	2024