

# VRUSHIL DIPAK GAJRA

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Explore My Work | Dublin, Ireland

## SUMMARY

AI & Automation Engineer with **3+ years** of experience delivering innovative solutions in financial, Logistics and eCommerce. Experienced in designing AI-driven automation solutions, workflow optimization, and process improvement using GenAI, RPA, and cloud-based LLM integrations. Led a team to enhance pricing strategies for SME. Co-founded and directed the development of AasthaStore, an eCommerce site for independent sellers.

## SKILLS

- Programming Languages : Python, SQL, Dart, HTML5, CSS3, JavaScript, jQuery, PHP, Typescript, Java
- Frameworks & Databases : FastAPI, Django, NodeJS, Flutter, MySQL, PostgreSQL, Supabase, NoCoDB
- Platform & Tools : UiPath, Power Automate, n8n, Make.com, Pipefy, Git, Docker, Postman, Jira
- Emerging Technologies : Azure OpenAI, Amazon Bedrock, LangChain, Vector Databases, Agentic AI, MCPs

## WORK EXPERIENCE

### Alter Domus (Ireland) Limited

AI & Automation Developer

Dublin, Ireland

Jan 2023 - Present

- Led implementation of Generative AI solutions, including document processing and conversational AI applications, driving digital transformation and organization-wide technology adoption initiatives.
- **DomusDocs-API:**
  - Developed a scalable LLM-powered system architecture using OpenAI (ChatGPT) APIs to classify and extract data from **70+** types of confidential financial documents with customized prompts in JSON.
  - Performed performance engineering and benchmarking to optimize scalability through process redesign and change management, enabling efficient processing of **40,000+** documents annually.
  - Designed and developed a user-friendly React-based web application for non-technical users, enabling bulk document processing and seamless integration with classification and extraction APIs.
  - Collaborated with the Cloud Security team to deploy the solution on AWS EKS using GitHub Actions-based CI/CD pipelines, ensuring compliance with enterprise AI governance.
- **Bloomberg Automation:** Engineered an API-driven business solution leveraging Bloomberg Hypermedia API to efficiently extract licensed data (e.g., Historical, BFIX, Predictive rates), achieving **\$500,000/annual** cost savings through strategic optimization and resource management.
- **Pipefy Implementation and Support:**
  - Introduced Pipefy to multiple teams across the organization, helping them structure workflows and manage processes more effectively
  - Provided ongoing support and training to ensure successful adoption of new technology.
- Delivered and maintained a GenAI-powered assistant with RAG, achieving **800+ active users** within two days of launch to support cross-functional team collaboration.
- Designed and implemented MCPs for internal tools along with creating AI agents using n8n.
- Mentored new joiners, guiding them on AI integration, reusable API standards and automation best practices.

### WNS Global Services

Program Analyst – TS [RPA]

Mumbai, India

Dec 2020 - May 2021

- Engaged in using cutting edge Robotic Process Automation (RPA) technology, UiPath and internal tooling for troubleshooting, debugging, code fixing, monitoring and customer support.
- **UiPath-Chatbot**
  - Designed and developed workflow to perform maintenance activity which was configured for more than **200** virtual machines and operated using an orchestrator.
  - Re-engineered the logic flow to optimize the process by introducing UiPath chatbot, which resulted in reducing weekend maintenance workload for the all-team members to just **1 person**.
  - Collaborated with business analyst for requirement gathering and to prepare technical specifications including **Process Definition Document (PDD) & Solution Design Document (SDD)**.
- Optimized workflows by up to **90%** through process reengineering and custom UiPath activities, enabling continuous improvement and client-driven enhancements in business process design.

- Proactively resolved client issues ahead of deadlines and managed to handle multiple tasks such as client query investigation, creating new workflows, and learning new platforms like ServiceNow for Incident Management.

### **RobonomicsAI India Private Limited**

**Mumbai, India**

*Software Engineer Intern*

*Aug 2018 - Jul 2020*

- Performed business requirement analysis to develop Unified Modelling Language (UML) such as Use case Diagram, Activity Diagram, Sequence diagram and Data flow Diagrams for multiple projects.
- **KYC process:** Developed a KYC process prototype by integrating third-party APIs (IDfy, Jumio) for identity verification and building a chatbot on Google Dialogflow using NodeJS to streamline customer onboarding.
- **Doc4U**
  - Assisted in launching an online consultation website to enhance the customer experience to consult with verified doctors from all over India, which was **live** for a short period of time in **Gorakhpur, India**.
  - Owned end-to-end backend development, from database design (Class Diagram) to RESTful API delivery using NodeJS, including internal system monitoring for performance and uptime.
- Improved communication skills while closely working with project heads from Australia and learned business talks while liaising with third party companies such as Textlocal.

## **PERSONAL PROJECTS**

### **Aastha Store**

**Mumbai, India**

*Co-Founder, CTO*

*Dec 2019 - Jan 2021*

- Co-Founded the technical vision and business administration strategy for an India-based eCommerce startup, building a platform to empower independent sellers and enhance their market credibility.
- Recruited, and trained a team of **6 interns**, applying **agile methodologies** to develop a responsive website.
- Executed strategic onboarding campaigns and with product sense, collaborated with vendors via multi-channel outreach (calls, email, face-to-face), successfully onboarding **30+ sellers'** pre-launch.
- Led **end-to-end project management**, overseeing website architecture, third-party integrations (payment, shipping, KYC), and rollout planning to ensure a scalable and secure eCommerce experience.

### **Pricing Strategy for Business Support System**

**Dublin, Ireland**

*Project Lead*

*Jan 2022 - Oct 2022*

- Led a **team of 4** to optimize the pricing strategy and revamp the client's website, increasing profitability and improving online visibility across the Irish market.
- Delivered professional services by planning, designing, and conducting research through client-customer interviews to uncover insights on pricing perceptions and user behaviour applying Lean Six Sigma principles.
- Facilitated **team collaboration** in a fast-paced, agile work environment and resource scheduling, promoting transparency and iterative progress through regular stand-ups and retrospective scrums.
- Acted as a **client-facing support lead**, presenting insights and aligning project goals with business expectations.

## **EDUCATION**

### **Dublin City University**

**Dublin, Ireland**

*MSc in Management (Business) - Upper Second-Class (2.1) Honours*

*Aug 2022*

### **K.J Somaiya Institute of Engineering and Information Technology**

**Mumbai, India**

*B.E in Computer Engineering (computer science) - Second-Class (2.2) Honours*

*Oct 2020*

## **LEADERSHIP EXPERIENCE**

### **World Human Development Centre**

**Mumbai, India**

*Deputy President of CRIOTSAV*

- Organized and hosted self-expression events in Mumbai for and by the youth.
- Led a **team of 8** and achieved a milestone of **500+ audience** from the first launch.
- Completed my first bucket list to perform a standup comedy on stage and hosted the entire event.
- Focused on the mental well-being of youth and aimed in conveying the message to a larger audience.

### **Maker Mela**

**Mumbai, India**

*Volunteered at KJSIEIT Incubation team*

- Managed the startup pitch event at K.J. Somaiya College, showcasing emerging entrepreneurs.
- Collaborated with PR to invite key investors ('**sharks**') and boost event visibility and participant opportunities.
- Coordinated scheduling, participant communication, and technical setup for seamless event execution.