

# GAURANG WADHAWAN

[Mail](#) ◇ [Portfolio](#) ◇ [Linkedin](#) ◇ [Github](#) ◇ +91-9810671064

## TECHNICAL SKILLS

---

Programming	Python, C#, SQL, Bash, Java, Javascript
Data	Pandas, Apache Spark, PySpark, NumPy, Random Forest
Techniques	Predictive Analytics, Research, Data Visualization, NLP, Software testing, OOP
Tools	MongoDB, TensorFlow, Git, Figma, Visual Studio, AWS (S3 , EC2)
Additional	150+ Leetcode solved, 5x Coursera/Hackerrank badges

## EXPERIENCE

---

**Founder – PawfectHomes** March 2025–Present  
*Entrepreneurial Venture (Bootstrapped)*

- Built all-in-one pet adoption, 6+ Service essentials platform; improved mobile UI/UX load times with responsive design.
- Delivered 3+ full-stack modules (Node.js, MongoDB, Docker); implemented CI/CD for fast deployment cycles.
- Pitched MVP to investors, handled user research, growth strategy, and product development end-to-end.

**IEEE SSIT Tech Team – Tech Team Associate** Apr 2023–June 2025  
*SRMIST, Chennai*

- developed deployed 3+ Flask microservices on AWS EC2/S3 serving ML models.
- Designed PySpark pipelines to process 50k+ records/day; integrated CI/CD with GitHub Actions.
- Co-led 4 innovation projects (ML, IoT, cloud); taught Python to 100+ government school students.

**SRM MUN Society – Delegate Affairs Coordinator** Feb 2023–May 2025  
*SRMIST, Chennai*

- Managed Excel dashboards for 400+ delegates; automated reporting via Google Apps Script.
- Led cross-team coordination with 35+ volunteers; improved logistics data efficiency.

## PROJECTS

---

**Medical Fraud Detection System** – PySpark, AWS, Random Forest (2024)

- Programmed ML pipeline analyzing 1M+ records to flag billing anomalies.
- Deployed interactive dashboards using Seaborn/Matplotlib on AWS S3 for real-time insights.

**Mini URL Shortener** – Flask, AWS Lambda, DynamoDB (2024)

- Developed serverless API handling 10k+ requests/day with autogenerated dashboards and rate-limiting.

**College Lift Tracker** – C#, Python, Raspberry Pi (2023)

- Delivered IoT solution to monitor lift occupancy; sent real-time alerts via Wi-Fi with reliability.
- Managed a team of 4 and coordinated in timely deployment of project.

**CRUD App with Passport.js** – Node.js, MongoDB, Docker (2023)

- Created secure backend web app with containerized deployment; reduced setup time.

**Titanic Survival Prediction Project** – Pandas, Matplotlib, PowerBI (2023)

- Analyzed Titanic passenger data to explore survival factors like age, gender, and class using Python.
- Built a simple prediction model and visualized key insights—gaining hands-on experience with real-world data!

## EDUCATION

---

**B.Tech Computer Science**, SRMIST, Chennai Sep 2022–May 2026  
**CBSE (PCM)**, DAV Public School, Gurugram 2022

## CERTIFICATIONS

---

AWS certified Machine Learning Foundations (2024) [Certificate Link](#)  
HP Data Science and Analytics (2025) [Certificate Link](#)  
IBM Skillbuild getting started with data License (2025)

## ACHIEVEMENTS

---

Founded and published research: “Transformative AI Adoption in Rural Public Procurement” in IJIRT (2024). [Certificate Link](#)  
Top 6150+ LeetCode problems solved; Top-10 in 2 hackathons. Head of Operation in Niramaya.