

Shubham Malik

Portfolio: shubhammalik.in | [LinkedIn](#)

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PROFESSIONAL SUMMARY

Product focused builder combining a background in business analysis, AI research and engineering. Adept at bridging the gap between business stakeholders and engineering teams to manage end to end delivery cycles. Brings hands on experience in prototyping and delivering independent web and IoT products to solve practical, real world problems.

TECHNICAL SKILLS

Product	: Requirements Gathering, Wireframing, Prototyping, Usability Testing
Delivery	: Agile/Scrum, UAT, Release Management
Development	: Python, Firebase, Git
AI & Data	: Prompt Engineering, Data Curation, Supervised Fine-tuning
Tools	: Figma, MS Office, JIRA

EXPERIENCE

Career break – Govt Exam Preparation	Jan 2025 – Nov 2026
Research Analyst, Turing	Jun 2024 – Dec 2024
<ul style="list-style-type: none">Developed and delivered 150+ high-quality datasets for supervised fine-tuning, contributing to improved LLM reasoning and reduced hallucinations based on client requirements.Collaborated closely with ML engineers and UX researchers to prototype internal data validation tools and refine workflows.	
Business Analyst, Care Health Insurance	Jun 2023 – Jan 2024
<ul style="list-style-type: none">Managed the end to end delivery cycle for 2 key verticals within the Agency Team, overseeing sprint planning, requirements gathering, UAT, and rollout while ensuring strict adherence to timelines.Acted as the primary bridge between business stakeholders and an 8 person engineering team, actively resolving production bugs, closing over 100 reported issues.	
Project Intern, IIIT Delhi	May 2022 – Jul 2022
<ul style="list-style-type: none">Designed and implemented a velocity and path tracking pure pursuit controller for last mile autonomous vehicles.Successfully conducted rigorous real-world testing and validation of the navigation stack on a physical autonomous rickshaw, tuning the controller to achieve a 60% increase in path tracking accuracy.	

EDUCATION

Delhi Technological University	Delhi, India
<i>Bachelor of Technology in Mechanical Engineering – 8.3 CGPA</i>	<i>Aug 2019 – May 2023</i>

PROJECTS

India in Brief	Project Deck
<ul style="list-style-type: none">Built and launched a web app that brings Indian history into one continuous timeline, helping learners connect events scattered across topics and chapters.Designed timeline navigation, search, bookmarks and flash card study tools to support browsing, revision and recall.Created an LLM assisted content workflow with manual review, publishing structured historical facts to Firebase for the React app.	
The Monkey Problem	Project Deck
<ul style="list-style-type: none">Built a wireless water level monitor to replace rooftop checks and avoid exposed signal wiring vulnerable to damage by monkeys.Integrated an ESP32 and ultrasonic sensor to a Firebase backed dashboard showing tank fill percentage, latest update time and recent readings.Implemented configurable tank calibration, median filtering to smooth sensor readings, and deep sleep between reports to reduce power consumption.	

ACHIEVEMENTS

- Placed **top 20 Nationwide** for design and development of a self-driving car model for **NXP AIM India 2022**.
- Secured **2nd Global rank** for mechanical system design and integration of a low altitude atmospheric probe in **CANSAT 2021**.
- Presented “Optimization of Bypass Flow in Dual-Throat Nozzle” publication at **ICMATSD 2023 - IFERP, South Korea**.