

SHREYASH SRIVASTVA

Lucknow, Uttar Pradesh

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SUMMARY

Product-minded Engineer with 1 year of experience building and launching AI-powered products across web and mobile. Shipped three cross-platform applications and deployed multi-channel AI systems that improved user engagement and support automation. Seeking Associate Product Manager and AI/Technical Product Manager roles.

ACHIEVEMENTS

- **12x Global Hackathon Winner** across various countries and domains like AI, FinTech, Climate, Sustainability; demonstrating rapid prototyping, cross-functional execution and shipping under constraints.
- **NASA Quantum App Dev Challenge 2024 Winner**. Nominated Best Quantum Project out of global submissions.
- **Google-California Polytechnic Hackathon Winner**.
- **Co-authored 15+ Research Manuscripts**. Publishing at IEEE, Springer, and Wiley.
- **AIML Mentor @Google Developers Group**. Mentored 1000+ students; designed and delivered AI/ML curriculum.
- **#1 Volunteering Educator @Robin Hood Academy**, teaching underserved children.

EDUCATION

Dr. A.P.J. Abdul Kalam Technical University
B.Tech – Computer Science and Engineering

Lucknow, India
June 2026

EXPERIENCE

GrowMore Immigration LLP | [🔗](#) | [🔗](#) | **Product Management, Agentic AI**
AI Systems Engineer (Product)

Jul 2025 – Feb 2026
Ahmedabad, India

- Owned end-to-end product roadmap and launched **Growmore** (PHP Laravel, AWS) and **JobsnVisa.com.au**, defining user stories, prioritized backlog, coordinated design-to-dev handoff and drove GTM strategy for recruitment process.
- Identified customer support bottleneck via user feedback analysis; scoped, shipped AI chatbots across website, social media and established CRM, reducing response time by 270%.
- Drove online visibility growth through SEO audits, Blog preview optimization and AI-driven content campaigns.
- Used analytics data to inform UI/UX decisions, contributing to a measurable increase in organic traffic and session quality.

Tata Institute of Fundamental Research | **Data Analysis, Signal Processing**
Summer Research Intern

July 2025
Pune, India

- Designed and executed Sun on/off deflection experiments to study solar radio signals at the **GMRT, Pune**.
- Collected, processed, and transmitted observational datasets; applied signal processing techniques to validate data.
- Collaborated cross-functionally with senior researchers, translating domain-specific requirements into structured workflows.

Dr. A.P.J. Abdul Kalam Technical University | **Prototyping, Figma, CAD**
Product Trainee

Mar 2025 – Jun 2025
Lucknow, India

- Led product development of **‘Veggie Buddy’** – an IoT-based Cross-Platform Urban Rooftop Farming Web App.
- Owned scope definition, wireframing, prototyping in Figma, and hardware integration using Arduino microcontrollers.
- Project validated by external stakeholders and pilot users. Earned media coverage in **Hindustan News** for innovation.
- Strengthened skills in prototyping, modeling, embedded systems & translating software constraints into product decisions.

iNeuron.ai | [🔗](#) | **Data Analysis, Python, Scikit-learn, Pandas, NumPy**
Machine Learning Intern

October 2024
Bengaluru, India

- Scoped and delivered an end-to-end ML pipeline to predict **Parkinson’s Disease** from medical datasets using classification models through Python, Scikit-learn, Pandas and NumPy. Delivered model accuracy benchmarks with clinical relevance.

PROJECTS

Tutor.ai: AI Learning App for Neurodivergent Students | [🔗](#) | [🔗](#) | **React Native, GPT-4, NLP**

2024

- Identified an underserved user segment through primary research, then defined product requirements and shipped a mobile app using OpenAI Whisper for real-time lecture transcription with speaker identification and noise filtering.
- Designed dyslexia-friendly UX and built GPT-4 NLP pipelines for summarization and key point extraction
- **Achieved 35% improvement in comprehension & 90%+ accessibility approval** from target users
- Integrated Vision API and GPT-4 Vision for whiteboard OCR, handwriting recognition and diagram simplification

Priyam: Open-Source Python Library | **Published on PyPI** | [🔗](#) | **OpenCV, PyTesseract**

2025

- Defined product scope and shipped a unified Python library spanning mathematics, physics, chemistry, and computer science, reducing multi-tool dependency for scientific computing workflows. Live and publicly available on **PyPI**.
- Implemented advanced solvers covering calculus, ODEs, graph algorithms, and statistics, alongside production-grade GUI tools including a JavaScript-enabled link checker and OCR-based extractor with PDF export.
- Integrated a LaTeX generation system to automate publication-ready scientific documentation designed for researchers.

TOP RESEARCH PROJECTS

- Securing Autonomous Vehicles: A Dual-Domain Intrusion Detection System for Intra-Vehicle and External Networks
- Deep Learning-Based Health Risk Prediction in Contact Sports Using Wearable Sensor Data
- Engineering a Low-Latency, Zero-Retention AI Framework for End-to-End Recruitment Preparation

SKILLS

Product: Product Roadmapping, PRD Writing, User Story Writing, Backlog Prioritization, RICE, Wireframing, Agile/Scrum, GTM Strategy, Funnel Analysis, A/B Testing, UI/UX, Stakeholder Management, User Research, Competitive Analysis, OKR Setting
Analytics & Tools: Jira, Slack, Google Analytics, Mixpanel, Notion, Figma, GitHub, Tag Manager, SEO Audit
Frameworks & Tech: React, React Native, Backend(Django, Flask, Node.js), Database Management, Cloud Services
Languages: Python, SQL, JavaScript, TypeScript, C

CERTIFICATIONS

Paper Presentation 16th ICCCNT, IIT Indore <i>AICTE, IEEE & IIT Indore (Paper ID: 9323)</i>	July 2025
Quantum Computing Course <i>CDAC & IIT Roorkee (ID: CDACH/QML/3558)</i>	June 2025
Introduction to Psychology <i>Yale University (ID: 01NNB46QVHY9)</i>	May 2025
Google Cloud Digital Leader Training <i>Google (ID: 8GLK2UA72BYE)</i>	Nov 2023