

# MOHAK GARG

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Strategic product analyst with 4+ years of experience leading products from concept to launch and growth. Skilled at translating user needs into scalable solutions, driving agile execution, and aligning cross-functional teams across engineering, design, and QA. I am known for bridging business and technology through a strong foundation in APIs, microservices, and cloud platforms. Passionate about building user-centric products that deliver measurable impact and long-term value.

## EDUCATION

Northwestern University, Evanston, United States

Sep 2025 – Present

- Master's in Engineering management

Raj Kumar Goel Institute of Technology, Ghaziabad, India

Aug. 2017–Aug. 2021

- Bachelor of Technology, Information Technology

CGPA 8.39/10

## SKILLS

**Product Management:** Product Discovery · Roadmap Prioritization · Backlog & Sprint Planning · UAT · Requirements Analysis · Stakeholder Management · Cross-Functional Collaboration · Data-Driven Decision-Making · Change Management · User Research

**Tools:** JIRA · Confluence · Git/GitLab · Figma · Postman · Tableau · Notion

**Analytics:** SQL · Mixpanel · Power BI · Product Metrics · A/B Testing · OKRs · KPIs

**Technical:** APIs · Microservices · Node.js · Spring Boot · Python · Docker · Kubernetes · PostgreSQL · MongoDB · LangChain/OpenAI Integrations · Cloud Platforms

## WORK EXPERIENCE

Product Analyst, Core Value Tech Pvt. Ltd | Noida, India

Aug 2022 – Aug 2025

- Owned **product strategy** for the “Submissions” platform, streamlining aviation workflows used by **50+** internal stakeholders and improving process efficiency by **20%**.
- Led **sprint planning** and **backlog refinement**, aligning **cross-functional teams**, increasing the completion rates of sprint goals by **15%**.
- Partnered with stakeholders to define requirements and prioritize features, reducing requirement turnaround time by **30%**.
- Developed and maintained **product roadmaps**, improving leadership visibility and ensuring **100% on-time communication** of priorities to external clients.
- Coordinated **quarterly planning**, driving the successful delivery of **5+** high-quality releases annually with minimal production defects.
- Leveraged analytics and metrics to guide **data-driven decisions**, track feature adoption, and continuously refine prioritization.
- Defined and tracked **OKRs**, aligning product outcomes with business goals and enhancing customer experience through measurable performance metrics

Software Developer Engineer, Core Value Tech Pvt. Ltd | Noida, India

Aug 2021 – Aug 2022

- **Led a team of 4** to deliver core platform services and business-critical applications.
- **Designed and implemented** scalable microservices, reducing system latency by **30–35%**.
- Built a real-time PDF data extraction system, improving **OCR accuracy by 30%**.
- Developed an AI-powered chatbot, boosting **query resolution speed by 40%**.
- Created company-wide tools like **Growth-Monitor** (quarterly reviews platform) and **audit-trail/alert services**, reducing **manual effort by 90%**.

## PROJECTS

### Smart Energy Management Platform

- Developing an **AI-powered platform** linking **real-time utility pricing** with **smart home devices** to cut energy costs and emissions.
- Conducting **user research and data analysis** using **ComEd models** to validate **20–30% savings** and shape **B2B/B2C strategy**.

### UriTrack: Smart Urinal for Preventive Health

- Creating a **contactless health device** for **real-time urinary biomarker tracking** via a connected app.
- Leading **market validation and user discovery** to build a **sustainable, data-driven preventive health solution**.

## LEADERSHIP AND ACTIVITIES

- **President, BIRDS Literary Society (2020–21):** Managed 40+ members, organized workshops/festivals with 250+ participants.
- **Volunteer, Madad Eak Aas (2018–Present):** Contributed to educational counseling, health drives, and voter awareness; guided 20+ students and planted 10,000+ trees.

## ACHIEVEMENTS AND CERTIFICATIONS

### Achievements:

- 1st place – MHRD Business Idea Competition (2019); 1st place – Paper Presentation & Asian Parliamentary Debate (2019).

### Certifications:

- Securing REST APIs, Cybersecurity Best Practices, Working with Containers (Docker), Machine Learning & AI (IIT-R)