Debolina Guha Patra

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Linkedin | **GitHub**

Education

University of Alberta   Edmonton, Canada
Bachelor's degree in Integrative Physiology   Nov 2022

Skills

Product Strategy | Stakeholder Management | Figma | Agile | A/B Testing | Basic Python | Linux | GCP |
CLI Ops | Analytics | Roadmap Planning | Research | Wireframing | Server Architecture (CPU/GPU)

Experience

Asadel Technologies | Associate Product Manager   Delhi, India | *May 2024 - Present*

- **Led** cross-functional development of a healthcare AI web app to detect dementia using audio and facial analysis. Conducted user and feature research, collaborated with AI/ML engineers, and built intuitive wireframes using Figma to guide development.

- **Designed** modular wireframes for multiple detection dashboards (e.g., fire & smoke, PPE compliance), streamlining product iteration cycles. **Conducted A/B testing** to validate UX/UI changes and improve app usability based on data-backed insights.

- **Researched** optimal server configurations based on use cases (e.g., number of cameras, model complexity) and contributed to deployment planning across Intel i-Series, Xeon Silver CPUs, and GPUs (RTX, Quadro P4000, NVIDIA L4). **Developed** an understanding of driver dependencies, memory requirements, and GPU architecture trade-offs to assist in selecting the right hardware for inference-heavy applications.

- **Orchestrated cross-functional collaboration** among engineers, DevOps, UX/UI teams, clients and other stakeholders, streamlining execution and accelerating time-to-market.

- **Built and nurtured stakeholder relationships**, proactively resolving conflicts and leveraging data-driven enhancements to drive product growth and strategic impact.

Teach For India | Mentor   Delhi, India | *Sep 2023 - Mar 2024*

- **Conducted research** on student performance data and designed customized NSO prep modules. **Applied user-centered thinking** to understand learning gaps and tailor teaching strategies. Created and iterated content based on learner outcomes, improving participation by 90%.

- Collaborated with educators to align academic goals with measurable progress.

Healthy Aging India | Assistant Project Manager   Delhi, India | *Nov 2022 - Jan 2023*

- **Coordinated and led cross-functional** teams to execute community health initiatives focused on elderly well-being. **Facilitated collaboration** between healthcare workers, NGOs, and local authorities to streamline program delivery and improve outreach effectiveness.

- Gained hands-on experience in stakeholder management, user research, and impact tracking in a resource-constrained environment.