



Shounak Ray

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Summary

Technology strategist and product-oriented professional with 4+ years of experience building and launching scalable products across healthcare, media, and agri-tech. Experienced in product development, stakeholder management, client-facing delivery, cross-functional leadership, and full-stack engineering, with a track record of bridging technology and business needs across the product lifecycle.

Professional Experience

Software Engineer | Antares Tech | Noida, India (Remote)

April 2021-June 2025

- **Built 3+ web applications and launched 2 products** across telehealth, podcasting, and agri-tech, spanning problem definition, user research, workflow design, development, launch, and post-launch ownership.
- Served as **primary product liaison for 3 international clients**, leading requirements discussions, product demos, progress reviews, and scope negotiations across product, engineering, sales, and end users to align development with business needs.
- **Led a 4-member team** to deliver a **\$250K+ Unified Controller Dashboard for 100+ IoT systems**, replacing unreliable daily updates with live monitoring to improve visibility for field technicians and regional managers.
- **Conducted focus groups with end users and translated insights** into product workflows, advocating live tracking over daily synchronization to improve system reliability and better **support the client's salesforce targeting strategy**.
- Developed centralized device-configuration and **analytics workflows** for multi-tenant IoT deployments, enabling field teams and regional managers to **manage and monitor distributed farm systems** through a unified platform.
- **Led 3 developers and collaborated with 4 client stakeholders** to launch **Libsyn Connect**, extending Libsyn into remote podcast creation for **1,200 creators/year** and supporting its **vertical integration** from publishing into content creation.
- **Reduced onboarding friction** and created a more unified creator workflow by integrating Libsyn Connect with Libsyn's core platform, enabling eligible users to access both products seamlessly and publish recordings directly,
- **Owned post-launch reliability** for Libsyn Connect, resolving synchronization failures and service outages affecting high-value creators and recovering out-of-sync recordings during disruptions, preventing costly re-recordings.
- Partnered with client stakeholders, marketing teams, and creator feedback channels to prioritize quality-of-life enhancements, **translating customer feedback into ongoing product improvements**.
- **Contributed to a \$3M telehealth platform** enabling remote diagnosis and consultations across hospital and ambulance use cases, extending Visionflex's medical hardware portfolio into a software-enabled offering with a **reported 60% gross profit margin**.
- Built and maintained full-stack web applications using the MERN stack (MongoDB, Express.js, React, Node.js), developing scalable frontend interfaces, backend APIs, data workflows, and production-ready services across multiple client products.

Education

Master of Engineering, Electrical and Computer Engineering – *University of Illinois Urbana-Champaign* | *United States*

Bachelor of Science, Computer Engineering - *University of Illinois Urbana-Champaign* | *United States*

Accomplishments and Awards

- **Student Leadership:** Served as President, Vice President, Webmaster and Philanthropy Chair of Chi Sigma Tau National Fraternity.
- **Academic Distinction:** Recognized as Dean's List at the University of Illinois Urbana-Champaign.
- **Academic Excellence:** Received 7 (2009-15) consecutive Outstanding Academic Excellence awards at FAIPS, Kuwait.
- **Music Certification:** Completed Grade 4 & 5 Acoustic Guitar certification from London College of Music with Distinction.

Co/Extra-curricular

- **Internship:** Intern at **Caterpillar Inc. (CAT Digital)** in Champaign, Illinois, USA (**May 2019-May 2020**)
- **Member (Publications Cell) at ProdMan Club** (Product Management Club) at IIM-A
- Member (Events Team) at Decibel Club (Music Club) at IIM-A
- Coordinator for International Immersion Programme for PGPM Cohort.
- President, Vice President, Webmaster and Philanthropy Chair, Chi Sigma Tau National Fraternity Inc., UIUC
- Represented FAIPS School, Kuwait at Harvard Model United Nations in 2013 and 2014.
- Served as Head Boy, Student Council, FAIPS School, Kuwait (Apr. 2013 - Mar. 2014).
- Ranked #1 in two inter-school and one intra-school quiz contests; organized intra-school Social Science Quiz contest.
- Guitarist, School Band; ranked #1 in intra-school talent hunt solo performance and #2 in inter-school Battle of Bands.
- Languages: English (Fluent), Bengali (Fluent), Hindi (Fluent), French (Beginner).