



Shounak Ray

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Summary

Product-oriented software professional with 4+ years of experience building and launching scalable technology products across healthcare, media, and agri-tech. Experienced in full-stack development, client-facing delivery, cross-functional coordination, and team leadership, with a strong engineering foundation and a growing focus on product management, go-to-market execution, and technology strategy.

Professional Experience

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

- **Developed 3+ web-based applications** specializing in real time communication technology across industries like telehealth, entertainment, and agri-tech.
- **Launched and deployed 2 new web applications**, and supported enhancements on existing software; contributed to full stack product development through UI design, frontend interfaces, backend services, workflow design, deployment support, and feature enhancements.
- **Led a 4-member team** to pioneer a **\$250k+ Unified Controller Dashboard** as a single access point for **100+ complex Hoof Bath IoT systems**, reducing operational dependence on field visits to remote deployments.
- Architected an event-driven messaging framework for remote hoof bath IoT systems, enabling reliable device communication and data synchronization across low-connectivity farm environments.
- **Led 3 developers** and collaborated with 4 client personnel to **develop and launch Libsyn Connect**, a specialized podcast creation and monetization ecosystem; **supported 1,200 creators/year** through product enhancements, marketing alignment and customer feedback.
- Improved customer retention by independently troubleshooting and resolving WebRTC reliability issues on podcasts, demonstrating end-to-end product ownership.
- Built secure authentication workflow for Libsyn Connect, enabling cross-platform user management, protected user access, and secure recording sessions.
- **Collaborated on developing a \$3Mn telehealth platform** with video conferencing and medical workflow capabilities, supporting Visionflex's existing medical hardware portfolio with a **reported 60% gross profit margin**.
- Served as **project delegate for 3 strategic international clients** for facilitating communication and coordinating product development across all stakeholders.

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.

License & Certifications

Acoustic Guitar Grade 5 Certification: London College of Music; Passed with Distinction, 2013.

Acoustic Guitar Grade 4 Certification: London College of Music; Passed with Distinction, 2012.

Co/Extra-curricular

- **Internship:** Intern at Caterpillar Inc. (CAT Digital) in Champaign, Illinois, USA (May 2019-May 2020)
- Coordinator for International Immersion Program (IIP) 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).