

Sushin Bandha

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Summary

Purdue AI student specializing in user-centric products at the intersection of machine learning and business strategy.

A proven leader who directed a 25-member team to enhance operational efficiency with Python and Salesforce, now

seeking a Product Management, AI, or IT internship to build and launch innovative, AI-powered solutions.

Education

Purdue University — West Lafayette, IN

Aug 2023 - May 2027

Bachelor of Science, Artificial Intelligence

- **Coursework:** Computer Architecture, OOP in Java, Programming in C, Data Structures & Algorithms, Systems Programming

Skills

- Project management and product strategy, Customer service excellence, Team collaboration and leadership, ServiceNow ITSM expertise, System integration and software testing, Salesforce CRM proficiency, Effective communication strategies, SAP ERP knowledge, Business administration, Microsoft Power Platform solutions

Experience

PSEG | Product Intern

Jun 2025 - Aug 2025

- Acted as a product owner for Identity & Access Management (IAM), partnering with stakeholders to prioritize a backlog of 50+ bug fixes and enhancements that improved system usability.
- Guaranteed a 99% defect-free launch by executing 300+ User Acceptance Testing (UAT) and SIT cases to validate product quality and end-to-end user workflows.
- Championed a strategic technical initiative by developing a compelling business case that analyzed market and user needs to align the proposed solution with long-term scalability goals.

PSEG | Product Intern

Jun 2024 - Aug 2024

- Pioneered product initiative by building and presenting five Proof of Concept tools, securing executive approval for full-scale development.
- Led cross-functional team of 25 interns to define and launch company-wide onboarding site, accelerating new hire productivity.
- Owned end-to-end development of critical automation tool, transforming multi-day manual process into near-instant execution.

Projects

Wine Varietals Yield Forecasting Project

Aug 2024 - Dec 2024

BASF x The Data Mine

- Delivered a machine learning solution that provided a 92% accurate forecast of wine sales, enabling data-driven inventory and marketing decisions for the client (BASF).
- Translated complex business requirements into technical specifications for a time-series forecasting model, aligning the project scope with stakeholder goals.
- Improved the efficiency of the existing analytical system by 30% by debugging and refactoring legacy code, directly enhancing the reliability of the forecasting tool.
- Designed and deployed an automated MLOps pipeline that cut model update time from 2-3 days to ~1-2 hours, ensuring the business always had access to the most current predictions.