SB

SUSHIN BANDHA

bsushin1@gmail.com | +1-609-721-0055 | Plainsboro, USA 08536

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
Bachelor of Science in Artificial Intelligence
Expected in 05/2027
Coursework: Computer Architecture, OOP in Java, Programming in C, Data Structures & Algorithms, Systems Programming

Skills

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

Experience

PSEG | Newark, NJ
Product Intern
06/2025 - 08/2025

- 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 | Newark, NJ
Product Intern
06/2024 - 08/2024

- 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 | BASF x The Data Mine | *Aug 2024 – Dec 2024*
Skills: Machine Learning, MLOps, Data Analysis, Python, TensorFlow, Keras

- 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.