

Bidur (Jay) Pantha

Phoenix, AZ

Engineering & Analytics | jaypantha21@gmail.com | (480) 810-8645 | [LinkedIn](#)

SKILLS

Programming Languages: Python

Data Analytics: SQL, Tableau, Pandas, LLMs, Azure, Git, Matplotlib, Seaborn, Excel

IDE/Environments: Visual Studio Code, Jupyter, Anaconda, SQL Developer

EXPERIENCE

Microchip Technologies

Phoenix, AZ

Analytics Engineer (Full-Time)

Sep 2023 - Present

- Built and maintained data pipelines to transform raw data into clean, reliable datasets optimized for analytics and business consumption
- Designed and maintained interactive dashboards in Tableau, tracking KPIs and facilitating data-driven decision-making
- Established end-to-end team processes for analytical projects, including the implementation of an Agentic AI to streamline the exploratory data analysis (EDA) stage, significantly reducing project completion times
- Developed and implemented A/B testing frameworks, enhancing user engagement
- Optimized efficiency through automated analytics with Azure DevOps, reducing report generation time by more than 90% and fostering a smoother workflow
- Collaborated closely with cross-functional teams, leading knowledge-sharing sessions, and translating business requirements into technical solutions, which resulted in an overall efficiency improvement of over 50% and increased data transparency

School of Engineering, University of Pennsylvania

Remote

Head Academic Coach (Part-Time)

Aug 2022 – Present

- Offer comprehensive support to students enrolled in the CIT program's "Intro to Software Development" course at Penn, empowering them to grasp fundamental concepts and elevate their software development skills in Python and Java
- Conduct regular office hours and host review sessions, fostering an environment of active learning and aiding students in achieving a deeper understanding of course material
- Actively contribute to their overall growth and success by addressing not only academic matters but also providing guidance on mental health, effective time management, and personalized course planning

EDUCATION

University of Pennsylvania, School of Engineering and Applied Science

Philadelphia, PA

Masters: Computer and Information Technology

Jan 2022 – May 2023

Relevant Courses: Software Development, Data Structures and Software Design, Algorithms and Computation, Database and Info Systems, Artificial Intelligence, Big Data Analytics, Computer Systems and Programming, Discrete Math

Arizona State University, School of Molecular and Life Sciences

Tempe, AZ

Bachelors: Biomedical Sciences and Biochemistry (Minor)

Aug 2017 – May 2021

Relevant Courses: Statistics, Calculus, Research Methods