

# JALPAN PANSURIYA

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## SUMMARY

Computer Science graduate with hands-on experience in data systems, backend development, and automation. Skilled in Python, SQL, Power BI, and Excel. Actively seeking Software Engineer, Data Analyst or tech-forward business roles where I can deliver immediate value.

## EDUCATION

**Bachelor of Science in Computer Science**, Summa Cum Laude

**May 2025**

Arizona State University, Tempe, AZ

**GPA: 4.0/4.0**

**Relevant Coursework:** Database Management, Applied Linear Algebra, Machine Learning, Data Structures & Algorithms, Software QA & Testing, iOS App Development, Distributed Systems.

## SKILLS

**Programming Languages:** Python, C/C++, Java, JavaScript, Swift, MATLAB, HTML/CSS

**Tools/Frameworks:** Excel, Tableau, Power BI, Git, Figma, Adobe Sign, Laravel, Next.js, SwiftData

**Databases & Hosting:** Snowflake, PostgreSQL, MySQL, Airtable

## PROFESSIONAL EXPERIENCE

**Software Developer Intern**

**July 2025 – Present**

Next Play Games

**Remote**

- Developed and shipped features for the Sportlingo mobile app (React Native, TypeScript), improving user experience and daily engagement.
- Implemented Mixpanel analytics with a structured tracking plan, enabling product team to monitor retention, usage patterns, and feature adoption.
- Optimized app performance and backend workflows with AWS (EC2, RDS) and Git/GitHub, ensuring reliable deployments across iOS and Android.

**Data Analyst**

**Aug 2023 – May 2025**

Sandra Day O'Connor College of Law, ASU

**Phoenix, AZ**

- Automated reporting and data workflows using SQL, Python, and Power BI, reducing manual processes and improving report turnaround by 3x.
- Built and maintained dashboards, reports, and audits to track budgeting, reimbursements, and trends, enabling data-driven decision-making.
- Conducted data mining, cleansing, and ad-hoc analysis to support leadership and optimize operational performance.

## PROJECTS

**Capstone Project: SCIA Platform** — MySQL, Python, Laravel

**Aug 2024 - May 2025**

- Built a full-stack web platform using Next.js, Node.js, MySQL, and Python to automate capstone project workflows - student/sponsor submissions, catalog generation, and team assignments—replacing fragmented spreadsheets and emails.
- Engineered REST APIs and automated scripts that cut manual assignment time by 80%, scaled the system to support 300+ course sections, and reduced admin load across 10+ departments.
- Deployed using Docker on AlmaLinux (GoDaddy) with Cloudflare DNS, and migrated data from MongoDB to MySQL with zero loss - enabling long-term maintainability and smoother sponsor-student collaboration.

**BookBuddy iOS App** — Swift, SwiftData, Open Library API, MVVM Architecture

**Aug 2024 - Dec 2024**

- Designed and developed an iOS app using Swift and SwiftData, enabling users to manage and track their reading across 1000+ book entries with persistent storage and intuitive UI.
- Integrated the Open Library API to provide dynamic book suggestions, increasing user engagement and app retention value.