

Swikrut Dhanorkar

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Education

Illinois Wesleyan University, Bloomington, IL
B.S. in Computer Science

Cumulative GPA: 3.95/4.0
May 2026

Technical Skills

Languages: Python, C/C++, Java, JavaScript, SQL, HTML/CSS3 | **Tools & Platforms:** Git, GitHub, AWS Lambda, Alexa SDK

Data & ML: Scikit-learn, Pandas, Data Visualization, Model Evaluation | **WebDev:** Full Stack (CRUD), AGILE, Flask

Other: MATLAB, Excel, DB Management, UiPath RPA

Professional Experience

Robotic Process Automation Developer

September 2025 – Present

Lakeside Book Company, Crawfordsville, IN

- Designed and deployed UiPath RPA automations to streamline recurring workflows and replace multi-step manual processes with unattended execution
- Reduced task completion time by 85%, decreasing process duration from 30–45 minutes to under 5 minutes and saving 15+ hours weekly
- Implemented data extraction, file formatting, exception handling, credential automation, and automated email distribution using UiPath Studio and Orchestrator

Algorithm Design and Analysis Teaching Assistant

January 2026 – Present

Illinois Wesleyan University, Bloomington, IL

- Assisted instruction for core algorithmic concepts, complexity analysis and problem decomposition
- Supported students in translating theoretical concepts into efficient, well-structured code
- Evaluated student work for correctness, efficiency, and clarity of algorithmic reasoning

Resident Community Advisor

August 2023 – Present

Illinois Wesleyan University, Bloomington, IL

- Supervise and mentor 7 resident advisors, supporting 350+ students in residence hall living and engagement
- Coordinate emergency response, maintenance issues, event programming, and general residential operations
- Aided in recruiting and onboarding new RAs, supporting candidate selection and smooth team integration

Projects

BingeCheck

Full-Stack Media Tracker Project | December 2025 – February 2026

- Built and deployed a media tracking platform supporting movies, TV shows, and anime, with normalized data models, season-level progress tracking, ratings, and user-managed watchlists, backed by PostgreSQL database
- Implemented secure authentication with JWT and email-based one-time verification, deployed containerized services via Docker and GHCR, and self-hosted on a TrueNAS server behind Cloudflare Tunnel
- Designed an online-first React and TypeScript frontend with drawer-based editing, responsive UI, and robust API integration, including CORS handling, rate-limited endpoints, and automated database migrations using Prisma

Customer Churn Prediction Model

Machine Learning Project | October 2025 – November 2025

- Built a classification model using logistic regression and ensemble methods to predict churn with 85%+ accuracy
- Used XGBoost, ROC-AUC and feature engineering to enhance model performance by ~12% over baseline
- Created a detailed report with key statistics, visualizations and insights to support data-driven decisions

Bhagavad Gita Guide – Alexa Skill

Amazon Alexa Developer Platform Project | June 2025 – August 2025

- Developed a voice-interactive Alexa skill delivering 1000+ quotes and facts from the Bhagavad Gita Holy-Text.
- Integrated AWS Lambda backend with Node.js; optimized SSML speech flow for 3+ interaction types.
- Managed publishing assets, invocation phrases and metadata on Alexa Console; listed on the Alexa Skills Store.

Spendr – Expense Tracker Web App

Full-Stack Development Project | October 2024 – November 2024

- Built a full-stack CRUD web app with user authentication and category-based spending analytics dashboard.
- Implemented data visualization using matplotlib to display monthly trends and provide category insights.
- Delivered a viable product in 5 weeks using Agile sprints; optimized for future iterative development.