Anu Peddada

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EDUCATION

Washington University in St. Louis   **St. Louis, Missouri**
Bachelor of Science in Business & Computer Science [Data Analytics Concentration]

WORK EXPERIENCE

WashU Google Developer Group   **St. Louis, Missouri**
Backend Developer   Aug 2025 – *present*
- Engineered an event-driven AI-driven compliance and production platform for Missouri's film/media sector, integrating OpenAI and multi-system cloud APIs via n8n to automate onboarding, scheduling, payroll, and contracts for large-scale production crews

WashU Student Technology Services   **St. Louis, Missouri**
Student Technician   Oct 2024 – *present*
- Diagnosed and resolved over 100+ complex ServiceNow support tickets, rapidly troubleshooting hardware, software, and network domain issues to restore system functionality and maintain seamless campus operations in a fast-paced environment

The Federal Savings Bank   **Chicago, Illinois**
Business Intelligence Intern   June 2025 – Aug 2025
- Engineered dynamic input parsing and form structuring logic to ensure seamless data ingestion into Snowflake using SQL, leveraging backend process automation to streamline order tracking, enhance internal reporting accuracy, and reduce manual finance and HR workflows
- Designed and deployed a full product lifecycle (specification design, database management, Jira collaboration) and launched scalable fintech solutions supporting mission-critical bank operations

PERSONAL PROJECTS

Stock Market News Predictor | Python, R, Machine Learning, NLP, LSTM model, BERT ML
- A visual model perform real-time sentiment analysis on thousands of stock news headlines, generating actionable predictions for market trends in low-latency scenarios

MPR Communication Tool | SQL, VB.Net , VBA, VBScript,
- Developed and deployed a custom follow-up communication tool integrated into loan origination software, enabling individualized messaging for stakeholders per loan order. Strategically designed an input interaction box to optimize data entry, improving downstream data organization and visualization into Snowflake and DOMO.

Custom Terminal Emulator| C++, C
- Built a modular Unix-style C system emulator using advanced OOP design patterns and core shell command functionality, supporting extensibility, macro automation, and secure file management in high-traffic environments.

Nail Salon Booking System | Next.js, Java, HTML, CSS, JavaScript
- Implemented an end-to-end digital booking platform for 10+ salons using Next.js and Java, increasing business productivity and automating appointment workflows.

SKILLS

Technical Skills: System Troubleshooting, Event-Driven Architecture, Database Management, Jira, Database Visualization, Excel, Tableau, Network Support, Dell Certified Technician
Financial Analysis: Market Trend Analysis, Interpreting Financial Reports, Economic Concepts, Pivot
Computer Program Languages: Python, R, C, Java, JavaScript, HTML, CSS, SQL, Visual Basic; applied for scalable system design, automation, machine learning, and data-driven analytics.