

# Bidhan Devkota

817-323-9835 | [bidhan.devkota@gmail.com](mailto:bidhan.devkota@gmail.com) |  
github.com/bibeast123 | linkedin.com/in/bidhan-devkota

## EDUCATION

The University of Texas at Austin, Austin, TX

May 2025

Bachelor of Science, Computer Science

- Minor: Business
- GPA: 3.67
- Relevant Coursework: Data Structures and Algorithms, Discrete Math, Probability and Statistics, Computer Organization and Architecture, Operating Systems, Principles of Machine Learning, Algorithms, Software Engineering

## SKILLS

**Coding Languages:** Java, Python, C/C++, Kotlin, TypeScript, JavaScript, HTML/CSS, SQL

**Frameworks and Tools:** React, Angular, Node.js, Flask, FastAPI, GitHub, Git, Selenium, Microsoft Office, Tableau, JIRA, Postman, Docker, Kubernetes, Jupyter, Pandas, PyTorch, TensorFlow, NumPy, AWS, Android Studio, Azure Databricks

## EXPERIENCE

AT&T, Dallas, TX | Software Engineer Intern

June 2024 – August 2024

- Developed and implemented a Generative AI automation tool and Full-Stack application using React, Azure Databricks, and FastAPI, streamlining audit tax request processing and **reducing response time by 85%**
- Engineered an innovative call center solution integrating Python, Flask, and React, augmented with a custom language model for instantaneous transcription, achieving a **70% reduction in customer wait times and boosting response time by 55% (patent pending)**
- Directed the creation of an Audit Tax Summarizer UI, **reducing manual processing time by 45%** and enhancing team efficiency by streamlining audit report generation for a **20% increase in productivity**

AT&T, Dallas, TX | Software Engineer Intern

June 2023 – August 2023

- Developed an AI Data Usage Optimizer using Flask, Python, and HTML/CSS for proactive data plan adjustments, **increasing customer retention and satisfaction by 33% (patent pending)**
- Enhanced TOM application using Angular, Java, SQL, and REST APIs, significantly improving functionality and user experience, leading to **increased user satisfaction by 50% for 2,000 weekly unique users**
- **Saved the company \$10,000** by efficiently addressing development stories following the Agile development process and using JIRA to manage stories, fostering a collaborative environment

Federal Aviation Administration, Fort Worth, TX | Data Analyst Intern

June 2022 – May 2023

- Maintain monthly reports on clearance activity for all FAA ASH employees utilizing Excel and Tableau to support the Department of Security and Hazardous Materials Safety
- Created a Python script to web scrape FAA's external documents, **identifying over 3,000 instances of exclusive language**, and aiding in policy recommendations
- Authored a policy recommendation to change the language used in all of FAA policies to inclusive language, which will **affect all of the agency's 45,000 employees**

## PROJECTS

### Austin Wheels

- Started Austin Wheels, a full-stack website to assist the wheelchair-bound community in Austin, integrating data from Google, Transit API, and OpenAI to provide accurate information on wheelchair-accessible locations and transportation options
- Engineered the frontend using React and the backend with Flask, implementing a robust search functionality through paired programming with a teammate, ensuring seamless user experience and efficient data retrieval
- Deployed the Flask server on AWS EC2 and utilized AWS Amplify for continuous integration and deployment, creating comprehensive API documentation with Postman to facilitate smooth backend communication and maintenance

### March Madness Predictor

- Developed a March Madness Predictor using Python and a Kaggle dataset, employing machine learning algorithms like Decision Trees, Random Forest, and Neural Networks
- Engineered features to enhance model accuracy and conducted extensive testing to identify the best-performing algorithm
- Achieved high predictive accuracy, contributing insights to sports analytics and demonstrating proficiency in data analysis and machine learning

### Amazon Price Tracker

- Created a Python and Selenium-based Amazon web scraper to capture product information within specific price ranges
- Automated product search using the Amazon API, retrieving item information once certain criteria are met
- Generated JSON file reports with sorted item information, improving product tracking efficiency