Bidhan Devkota

817-323-9835 | Bidhan.devkota@gmail.com | linkedin.com/in/bidhan-devkota | https://bidhandev.me | github.com/bibeast123
Austin, TX

EDUCATION

The University of Texas at Austin — Austin, TX
Bachelor of Science in Computer Science, Minor in Business — *May 2025*
- GPA: 3.82
- Relevant Coursework: Intro to Programming, Data Structures and Algorithms, Discrete Math, Probability and Statistics, Computer Organization and Architecture, Operating Systems, Principles of Machine Learning, Algorithms, Software Engineering, Competitive Programming, Cybersecurity

TECHNICAL SKILLS

Languages: Java, Python, C/C++, Kotlin, TypeScript, JavaScript, HTML/CSS, SQL
Frameworks & Libraries: React, Angular, Node.js, Flask, FastAPI, Selenium, TensorFlow, pandas, NumPy, Matplotlib
Tools: Git, Docker, VS Code, Visual Studio, Wireshark, PyCharm, IntelliJ, Eclipse, Jupyter, Postman
Platforms & Services: AWS, Azure Databricks, Kubernetes, Microsoft Office, Tableau, JIRA, Android Studio

EXPERIENCE

AT&T — June 2024 – August 2024
Software Engineer Intern | Generative AI — *Dallas, TX*
- Developed a Generative AI automation tool using React, Azure, Databricks, and FastAPI, streamlining audit tax request processing by **35%.**
- Presented Generative AI automation tool to CEO and board, leading to **company-wide adoption** and **$25 million in annual cost savings**.
- Engineered a call center solution integrating Python, Flask, and React, augmented with a custom language model for instantaneous transcription, and boosting response time by **55% (patent pending)**.
- Spearheaded the creation of an Audit Tax Summarizer UI, reducing manual processing time by **45%**.

AT&T — June 2023 – August 2023
Software Engineer Intern | Full-Stack — *Dallas, TX*
- 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.**
- Implemented a scalable bug-tracking system using JIRA, which improved issue resolution time by **30%** and contributed to a **$10,000 cost saving.**

Federal Aviation Administration — June 2022 – May 2023
Software Engineer Intern | Data Analytics — *Fort Worth, TX*
- Created monthly Tableau dashboards to track **30,000+** clearance activities for FAA security teams.
- Automated FAA document analysis using Python web scraping, identifying **over 3,000** instances of exclusive language, and aiding in policy recommendations.
- Authored a policy recommendation to change the language used in all FAA policies to inclusive language, which affected the agency's **45,000 employees.**

PROJECTS

Austin Wheels | *React, Flask, AWS EC2, AWS Amplify, Postman* — 2024
- Built a full-stack website serving **500+** wheelchair-bound individuals in Austin, utilizing REST APIs to provide accurate information on wheelchair-accessible locations and transportation options.
- Engineered the user interface using React and the backend with Flask, 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 | *Python, Machine Learning, Kaggle* — 2024
- Developed a March Madness Predictor using Python and a Kaggle dataset, employing machine learning algorithms.
- Engineered features to enhance model accuracy and conducted extensive testing to identify the best-performing algorithm.
- Achieved high predictive accuracy >**62%**, contributing insights to sports analytics and demonstrating proficiency in machine learning.