Bishal Giri

682-202-8550 | bishal0922@gmail.com | linkedin.com/in/bishal0922 | github.com/bishal0922

TECHNICAL SKILLS

Languages: Python, Java, C, C++, C#, HTML, CSS, JavaScript, TypeScript, SQL, R, ARM Assembly
Technologies: SpringBoot, ReactJS, Kafka, Elastic Search, AWS, Google Cloud
Tools: Git, Postman, MongoDB, Linux, Docker, GitHub, AWS, Kubernetes, Jira, Firebase, Jupyter, Vim

EXPERIENCE

Software Engineering Intern — May 2023 – August 2023
Walmart Global Tech — *Sunnyvale, CA*
- Developed a scalable Java Spring Reactive microservice to process **40 million** daily Kafka messages across **600** cloud instances.
- Replaced Spark jobs with the microservice, improving data processing efficiency and resource utilization, saving **$120,000** per year.
- Implemented seamless cold data storage and analysis in BigQuery for enhanced analytics and reporting.

Information Technology Intern — September 2022 – December 2022
Planet Access — *Dallas, TX*
- Provided on-site hardware support services, ensuring prompt problem resolution and client satisfaction without contractual obligations.
- Provided expert support for legacy and VoIP-based phone systems, optimizing communication infrastructure and integrating modern solutions.
- Implemented robust email solutions through Microsoft Exchange, empowering seamless communication and improved teamwork.

Terminal Supervisor — May 2021 – September 2022
Prospect Airport Services — *Dallas, TX*
- Coordinated with Upper Management, Gate agents, and Service assistants to achieve a **100%** on-time record.
- Delegated agents to handle **50+** Daily Special Requests, ensuring efficient service delivery and satisfaction.
- Provided excellent assistance to diverse passengers, including those requiring Wheelchair, Aisle Chair, and Minor Escort services, effectively fulfilling assigned service duties.

PROJECTS

AppKeep | *MERN - MongoDB, ExpressJS, ReactJS, NodeJS, Bootstrap*
- Designed a full-stack job application management application with automated status tracking and utilized MongoDB for efficient data storage and retrieval.

Bell Flight Hackathon - Drone Safety Monitoring System | *Python, NumPy, PyQt, Docker*
- Created a safety system for drones that prevents excessive banking by defining danger zones using mass and object attitude, providing pilot notifications through Drone LED and PyQT Gui, and integrated a precise physics model with NumPy-based simulation and customized velocity calculations.

IsDojaStressed Twitter Bot | *Python, Numpy, Pandas, Tweepy, Twitter API, Heroku*
- Developed an automatic Twitter bot with Tweepy to fetch Rapper Doja Cat's tweets every 1.5 seconds using the Twitter API and implemented an effective Stress Detection Model based on the Bernoulli Naive Bayes algorithm, achieving 561 impressions per tweet.

EDUCATION

University of Texas at Arlington — Arlington, TX
3.6/4.0 GPA, Bachelor of Science in Computer Science — *August 2021 – May 2025*

AWARDS

UIL Scholar: Recognized for being an extraordinary Soccer and cross-country student athlete.
Member of the Semester: Awarded for my involvement in the Nepalese Student Association at UTA.
Caught Being Consistently Safe: Recognized for following safety procedures at DFW Airport.
Maverick Scholar: Current Academic Scholarship holder at the University of Texas at Arlington.