Sadish Thapa

202-766-6191 | sadishthapa2004@gmail.com | [LinkedIn](#) | [Website](#) | [GitHub](#) | Clarksburg, MD

OBJECTIVE

Software Engineer with experience in full stack development. Skilled in building scalable, user-focused applications and collaborating across teams to deliver innovative solutions. Eager to apply technical expertise to support company's personal mission.

EDUCATION

Bachelor of Science in Computer Science
University of Maryland – College Park, MD
Graduated: May 2025
Minor: Technology Entrepreneurship and Corporate Innovation
Cumulative GPA | 3.88/4.00
Achievements | Dean's List, CMNS Undergraduate Scholarship Recipient

TECHNICAL SKILLS

Languages | Python, Java, JavaScript, C/C++, SQL, Kotlin, HTML/CSS, R
Frameworks | React, Express.js
Databases & Developer Tools | MongoDB, Neo4j, Node.js, Git, Visual Studio Code, Android Studio, Firebase, Vite, WSL
Methodologies & Platforms | Agile/Scrum, Cloud Technologies (Firebase, AWS basics)

WORK EXPERIENCE

Software Engineer, iCYLON, Vienna, VA
July 2025 – Present

- Partnered in an Agile team to modernize legacy systems by transitioning frontend logic into secure, scalable Python-based microservices, improving backend performance and maintainability.
- Designed and deployed automated data ingestion pipelines integrating MongoDB for high-throughput document processing, improving data availability and retrieval speed for enterprise users.
- Built and maintained RESTful APIs with FastAPI, developing endpoints for search functionality and automated summary generation of Neo4j graph queries.
- Led development of a Neo4j-based reporting platform leveraging GPT-OSS model to improve customer satisfaction, enhance decision-making, and drive revenue growth.
- Contributed to an in-house data analytics platform that provided real-time visibility into the graph build process using Neo4j, improving system observability and debugging efficiency for data teams.

PROJECTS

NBA Higher or Lower App | Kotlin, Python, Firebase

- Collaborated with a team of four to design an interactive Android app that gamified statistical comparisons, applying data cleaning and transformation techniques to real-world sports datasets.

NBA Fantasy Discord Bot | JavaScript, Node.js, discord.js, Python

- Developed a real-time data integration to highlight skills in data retrieval, processing, and server-side automation applicable to financial data systems.