AARYAN DHAKAL

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**CAREER ASPIRATIONS**

Seeking an Information Technology job, co-op or internship, available starting May 2025; open to relocation.

**EDUCATION**

* Community College of Baltimore County, (CCBC) - Baltimore, MD (2023 - Present)
* Youngstown State University, (YSU) – Youngstown, OH (2022 – 2023)

School of Science, Technology, Engineering, and Mathematics (STEM)

**B.S in Computer Science,** Expected Graduation: May 2026

**B.S in Mathematics,** Expected Graduation: May 2026

**WORK EXPERIENCE**

IT Application Integration Department, Youngstown State University, OH

**Student Programmer** (December 2022 – September 2023)

* Designing, implementing and supporting full stack web applications in Java & Typescript
* Managing database and writing PL/SQL code to serve it to other pieces of software and to view reports
* Working on maintaining and upgrading internal tools and products provided by the university

Field Technician Department, Youngstown State University, OH

**Student Technician** (October 2022 – December 2022)

* Built and documented an internal tool that increased the efficiency of tasks with the help of automation
* Promoted to Student Programmer role within weeks of starting the job based on skill and work ethic
* Assisted with troubleshooting and software support for clients around the campus
* Prepared and deployed several PCs and AV systems around campus

Anmol Special Education Center, Biratnagar, Nepal (www.anmolsec.com)

**Software Developer** (December 2021 – May 2022)

* Created an accounting software that tracked transactions, student profiles and generated trial balances and balance sheets on demand
* The software kept track of assets, liabilities and inventory while running blazing fast searches and database querying with caching

**RELEVANT COURSEWORK**

* Computer Science: Advanced Programming, Data Structures and Algorithms, Software Engineering
* Related: Calculus 1, Calculus 2, Discrete Mathematics, Logic & Statistics

**COMPUTER AND TECHNICAL SKILLS**

* Programming Languages: Go, Python, Typescript, C++, SQL, C, JavaScript
* Framework: React, Gin, Django, FastAPI, Elasticsearch Tailwind, Unity, Scrapy, Selenium
* Other Technologies: Docker, Kubernetes, PostgreSQL, Git, GitHub, Redis, Linux, Vim, Figma, GitHub Actions, cPanel, Microsoft Office, Blender

**PROJECT EXPERIENCE**

**NASA Space Apps Challenge**, Virtual Hackathon (2020) (Won Nationally and nominated globally)

* Designed the story and led a team of 5 to create it
* Assigned tasks according to their specific areas of interests and helped when they had difficulties
* Coded a discord bot just to make actions like keeping track of what everyone is doing, the deadlines of the event, the schedules of who works when, etc.

**NetPr**, Remote Printing Solution, (2024)

* Designed and deployed a global remote print service using Ubuntu, Docker, and Kubernetes.
* Engineered secure job transmission and system integration, simulating production-like service orchestration.
* Gained experience in system automation, deployment pipelines, and real-world DevOps tooling.