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.