Baldev Oli

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GitHub

LinkedIn

Website

EDUCATION

- **University of Maryland, Baltimore County (UMBC)** — Baltimore, MD
  B.S. in Computer Science (Expected Graduation: May 2026) — *Feb. 2024 – Present*

- **Community College of Baltimore County** — Baltimore, MD
  A.S. in Computer Science — *Aug. 2021 – Dec. 2023*

SKILLS

- **Languages**: SQL, Python, C++, C, HTML

- **Data Tools**: Excel (Pivot Tables, VBA), Tableau, Power Query

- **Frameworks**: Next.js, Express.js, scikit-learn, FUSE

- **Systems**: Linux (Ubuntu), Windows, Git, Docker, GDB

- **Soft Skills**: Analytical thinking, cross-functional collaboration, customer experience focus

EXPERIENCE

- **Amazon** — Baltimore, MD
  Associate – Fulfillment Operations — *Oct. 2021 – Present*
  - **Process Optimization**: Collaborated with team leads to identify bottlenecks and improve operational flow efficiency.
  - **Metrics Tracking**: Monitored fulfillment KPIs such as pick rate, error rate, and package throughput.
  - **Device Troubleshooting**: Resolved device (scanners, printers) issues to minimize operational downtime.

- **Comcast** — Baltimore, MD
  Intern – Digital Navigator — *Jun 2023 – Jan 2024*
  - **Customer Support**: Resolved technical issues across hardware/software for over 50 clients.
  - **Data Logging**: Used CRM platforms to document service history, enabling faster issue resolution.
  - **Inventory Coordination**: Tracked IT assets and streamlined onboarding logistics.

PROJECTS

- **Business Case Modeling & Automation**: Developed a simulated business analysis dashboard using Excel (Pivot Tables, VLOOKUP) and SQL queries; automated weekly report generation to enable faster decisions.

- **Inventory Management Platform**: Built a full-stack inventory system (Next.js, Express, MySQL) with real-time tracking and admin dashboards for small business use.

- **FUSE File System**: Engineered a custom FUSE file system in C supporting basic I/O and block manipulation.

- **Data Structures & ML**: Created AVL trees, hash tables in C++; implemented classifiers (SVM, Decision Trees) with Python's scikit-learn.

RELEVANT COURSEWORK

- CMSC 313: Computer Organization – Memory management, x86 Assembly.

- CMSC 341: Data Structures – Trees, graphs, hashing (C++).

- CMSC 447: Software Engineering – Agile, Scrum, SDLC, Jira, Git,SQL.

- CMSC 421: Operating Systems – Built Linux-based FUSE file system.

- CMSC 478: Machine Learning – SVMs, clustering, neural networks.