

Biniam Zemedkun

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PROFESSIONAL SUMMARY

Throughout 2 separate internships, I've gained valuable experience in both Data Analytics as well as IT. My first internship was at a private business in Washington DC called Designs by Tatanka LLC and I served as a data analyst intern there for the summer of 2022. My second internship was at the Bureau of Labor Statistics (BLS) as part of the Department of Labor located in Washington DC and I served as an IT intern for the summer of 2023. By traversing across multiple technologies, I learned to stay current with new developments within the industry. My versatility in quickly adapting to new coding conventions coupled with my innate sense of curiosity has helped guide me well in my journey of becoming a software developer. I have experience in object-oriented programming and have successfully implemented several personal web development projects to showcase my data analysis and design skills. I've also aided in creating clear and detailed documentation for a project in my internship at BLS. This means I am happy working independently or in a close team environment and apply a positive attitude to every project.

- Experience in working with the federal government.
- Fluid understanding of multiple programming languages, including **TypeScript, JavaScript, JQUERY, HTML, REACT, JAVA, and NODEJS.**
- Experience with **MYSQL, PostgreSQL, and MongoDB.**
- Experience with version control and remote repositories using **Git and Github.**
- Experience in cloud technology like **AWS.**
- Experience in **Client Side Designing and Validations** using **React, HTML, CSS, and JavaScript.**
- Extensive experience using integrated development environments like **Eclipse, Visual Studios, and VSCode.**
- Experience with graphic design using **Canva.**
- Extensive experience using Microsoft Applications like **Word, Excel, PowerPoint, and Outlook.**
- Possesses strong **logical, analytical, and problem-solving skills** with a positive attitude.
- Experience in working with different operating systems like **Windows 10/11.**
- Proven background working with teams in stressful, deadline-oriented environments.
- Ability to learn and use new systems and paradigms quickly, solid communicator with exceptional team-building skills.

TECHNICAL SKILLS

Operating Systems	Windows 10/11
Framework	React, Express.js
Databases	MySQL, Mongo DB, PostgreSQL
Web tools and languages	HTML, CSS, JavaScript, SQL, Python, Java, JQuery, Bootstrap,
Web Servers	HTTP, Mongoose
IDE	VSCode, Eclipse, Visual Studios
Tools / Protocols	HTML, HTTP. TCP/IP

EDUCATION

Bachelor's Degree:

Information Science

University of Maryland, College Park

August 2020 - May 2023

Cumulative GPA: 3.4

Associate's Degree:

Computer Science and Technologies

Montgomery College, Rockville, Maryland

August 2017 – May 2020

Cumulative GPA: 3.3

Professional Experience

IT intern

Department of Labor, Bureau of Labor Statistics:

June'23 – August'23

Project: SLED Modernization Project

Description: The Systems of Large Employers Data (SLED) is a project designed to process and analyze large amounts of employer data from 90% of the country. The project's purpose was to modernize it so that it was current with BLS's current system setup and have it line up with all the other updates. Further implementations in the future will include integration with AWS.

Responsibilities:

- Create a proposal presentation for the Systems of Large Employers Data (SLED) Modernization project and present it to upper management
 - Use documents and repositories in **Gitlab** to create detailed and accurate proposal slides
- Support the documentation of the SLED Modernization project using **GIT and Github**
- Design prototypes for the page layout of the new front end of the SLED Modernization project
 - Using **Canva** to design front-end prototypes based on company format and color conventions.

Environment: Spring, GIT, Angular, Oracle, GitLab, Eclipse, MySQL, Github

Data Analyst Intern

Designs by Tatanaka LLC:

June'22 – August'22

Responsibilities:

- Support the maintenance of existing computer systems, including troubleshooting problems with hardware and software
- Analyze data to recommend improvements to existing systems or processes using **MySQL** and **Excel** spreadsheets
- Assist in setting up computers and troubleshooting networks for new employees

Environment: Github, GIT, Oracle, MySQL, Excel

Delivery Driver

Domino's Pizza:

July'21 – January'23

Responsibilities:

- Deliver reliable customer service for both in-store and on-the-road
- Maintain optimal working conditions inside the store for safety concerns
- Oversee packaging to avoid a backlog of orders at the oven station

Personal Projects

- [Speed Cameras](#)
 - Created a simple front end using **HTML/CSS and JavaScript** to analyze and map all the speed cameras in Prince George's County based on their distance from nearby public schools.
Front-end: **HTML, CSS, JavaScript**
Back-end: N/A
- [Dice Game](#)
 - Created a website displaying a dice game between two players where the higher roll dice wins.
Front-end: **HTML, CSS, JavaScript, Bootstrap**
Back-end: N/A
- [Drum-Kit](#)
 - Created a Drum kit website that displays the pictures of each instrument of a Drum set and the first letter of each of their names.
 - Once the user clicks on any instrument or presses the keyboard for any of the letters, it plays that specific instrument's sound.
Front-end: **HTML, CSS, JavaScript, Bootstrap**
Back-end: N/A
- [Simon](#)
 - Created a site that hosts the game Simon and would increment the level as the user progresses.
 - if the user gets a sequence wrong, it ends the game and starts all over.
Front-end: **HTML, CSS, JavaScript, Bootstrap, JQuery**
Back-end: N/A
- [Card Secrets](#)
 - Created a site that pulls data from an **API** containing secrets, and once the user hovers over the card, a secret will be displayed on the screen.
Front-end: **HTML, CSS, JavaScript, Bootstrap, JQuery**
Back-end: **Node.js, Express.js, REST API(Axios)**
- [Band Name Generator](#)
 - Created a site that generates a name for a band once the user clicks on the button.
Front-end: **HTML, CSS, JavaScript, Bootstrap, JQuery**
Back-end: **Node.js, Express, EJS**
- [Keeper App](#)
 - Created a **React** front end that lets users submit their notes about anything and also allows them to delete it once posted.
Front-end: **HTML, CSS, JavaScript, React**
Back-end: **Node.js**