

# ALEBACHEW MELAKU

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## FULL STACK DEVELOPER

Full-Stack Developer with 3+ years of experience building and improving real web applications in production environments. I work across frontend and backend systems, developing features, fixing issues, and maintaining reliable code. I've contributed to cloud-based systems using Azure and .NET, including data migration and system improvements. I focus on building practical, clean, and scalable solutions using technologies like React, Django, and ASP.NET Core.

### EXPERIENCE

#### Full Stack Developer | Bae Systems | Mechanicsburg, PA | August 2024 – Present

- Working on a multifunctional website and helping improve existing web applications
- Adding new features and fixing bugs across frontend and backend systems
- Writing unit tests to help keep applications stable and reliable
- Worked on migrating legacy .NET applications to modern .NET Core/.NET 8 architecture using Vue.js and ASP.NET Core

#### Application Developer | Bae Systems (via Robert Half) | Mechanicsburg, PA | February 2024 – August 2024

- Collaborating with team members to develop and maintain internal applications
- Fixed bugs and implemented application enhancements
- Developed and maintained frontend and backend features for existing web applications

#### Software Developer Intern | Gateway Ticketing System | Gilbertsville, PA | May 2023 - August 2023

- Developed a C# .NET Core console application that migrated over 10,000 local files to Azure cloud storage
- Worked with databases and handled uploading, retrieving, and deleting files in Azure
- Implemented email notifications and team channel updates for file-processing events
- Assisted with improving file management and cloud storage workflows

### SKILLS

#### Frontend:

- HTML
- CSS, Bootstrap
- JavaScript
- React, Flutter
- TypeScript
- Vue.js

#### Backend:

- Python: Flask, Django
- C# .NET, ASP.NET MVC, Rest API, OOP
- PHP, C, C++, Java
- Node.js, Express
- .NET Core

#### Database:

- Mongo DB
- SQL, PostgreSQL
- Firebase
- Azure
- Oracle

#### Tooling:

- Git
- GitHub
- bash
- Heroku
- Vs Code

### EDUCATION

Bachelor of Science in Computer science | Millersville University of Pennsylvania | Millersville, PA | 2023  
Associate degree in software engineering | Thaddeus Stevens College of Technology | Lancaster, PA | 2021

### CERTIFICATES

.NET Full Stack Foundation (Coursera, November 2023)  
Frontend Development using React (Coursera, November 2023)  
Backend Development for .NET Full Stack (Coursera, December 2023)