Dagimawi Tamrat

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SKILLS

Programming Languages: Python, JavaScript, TypeScript, Java, C++
Backend & Web Development: Node.js, Express, REST APIs, microservices, secure coding, testing frameworks
Cloud & DevOps: CI/CD pipelines, GitHub Actions, Git
Methodologies & Tools: Modular architecture, Agile/Scrum, system debugging, troubleshooting

EDUCATION

University of Massachusetts Boston
Bachelor of Arts in Computer Science   Graduated: Dec 2024

EXPERIENCE

Peek - **Front End Web Developer**   Jan 2024 – May 2024
- Delivered data-driven features for a medical SaaS platform, including real-time notes and analytics displays.
- Built UI components that validated and transformed incoming data before storage, ensuring accuracy and reliability.
- Implemented automated testing to maintain high workflow consistency.
- Collaborated with product and design teams in Agile sprints to deliver high-impact features efficiently.

Hi5 Decor & Rental - **Front End Web Developer**   Dec 2023 – Jan 2024
- Developed responsive, user-facing components with semantic HTML, CSS, and vanilla JavaScript.
- Improved code modularity and maintainability through clear separation of concerns.
- Managed full website deployment and production hosting setup.

PROJECTS

Weather Data Platform (Python ETL Project)
- Developed a modular PyQt5 desktop app integrating Python backend with React frontend for fetching, caching, and validating weather data via the OpenWeatherMap API.
- Built a GitHub Actions CI/CD pipeline to automate builds, packaging, and deployment across Windows, Linux, and macOS.
- Created cross-platform installers with PyInstaller and automated environment setup using Bash/PowerShell, streamlining user installation.

Full-Stack E-commerce System (Data Modeling + Automation)
- Designed backend services for products, users, and orders, emphasizing modular system architecture.
- Created workflow automation scripts for deployment, data seeding, and environment configuration.
- Explored Python-based data pipelines and Vercel deployment practices to simulate enterprise-level cloud workflows.

LEADERSHIP

Google Students Developer Club-UMASS-BOSTON
Club Co-President   Aug 2023 – June 2024
- Led workshops and hackathons, increasing active membership and engagement by 40%.
- Coordinated sessions with senior engineers from top tech companies to provide members with career guidance and interview preparation.