

# Habtmu Tegegne

Nashville, TN | 615-967-0280 | [habtamutegegne1@gmail.com](mailto:habtamutegegne1@gmail.com) | [LinkedIn](#) | [GitHub](#)

Portfolio: <https://htegegne.github.io/my-portfolio/> | Available for Immediate Onboarding | Open to Relocation

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## Professional Summary

Results-driven Software Developer with strong expertise in Java, Spring Boot, Angular, C#, ASP.NET, and relational databases, specializing in designing and implementing scalable backend services and full-stack web applications. Proficient in developing RESTful APIs, integrating frontend frameworks and writing unit and integration tests to ensure code quality. Experienced in AWS services including EC2, S3, RDS, Lambda and IAM for secure, scalable cloud applications. Skilled in DevOps practices including CI/CD using Jenkins and GitHub Actions, containerization with Docker and infrastructure automation using Terraform. Adept at Agile development, code reviews and cross-functional collaboration to deliver efficient and maintainable solutions.

## Professional Experience

### AWS DevOps Engineer

#### *Tech Consulting – Georgia | Sep 2024 – Mar 2025*

- Built RESTful APIs using Java and Spring Boot to support microservices running on AWS infrastructure.
- Designed and reviewed application code for scalability, performance, and compliance with design patterns.
- Deployed backend services to AWS EC2 and ECS and managed networking through VPCs and Load Balancers.
- Used AWS services such as S3, RDS, Lambda and API Gateway to architect reliable and scalable systems.
- Automated infrastructure provisioning using Terraform and CloudFormation for repeatable environment setup.
- Managed CI/CD pipelines using Jenkins and GitHub Actions to automate testing, building and deployment.
- Monitored cloud resources using AWS CloudWatch and analyzed logs through CloudTrail for auditing purposes.

### Advanced Coder – AI Trainer

#### *Remotasks / Outlier AI – Remote | Feb 2024 – Sep 2024*

- Reviewed, corrected, and annotated AI-generated code in Java and Python to improve large language model accuracy.
- Authored high-quality code snippets and documentation to train and validate AI coding tasks.
- Evaluated functional correctness, algorithmic logic, and coding style of AI-assisted code outputs.

### Associate Software Engineer

#### *Infosys Limited – Remote | Sep 2021 – Nov 2023*

- Developed and maintained RESTful APIs using Java and Spring Boot to power microservice-based backend systems.
- Designed responsive web applications using Angular and ASP.NET MVC, improving UI/UX and performance.
- Wrote optimized SQL queries for MySQL and PostgreSQL to handle large-scale data processing and reporting.
- Integrated third-party APIs and services for authentication and external data sources.
- Conducted unit and integration testing using JUnit and Mockito to ensure code reliability and test coverage.
- Participated in Agile ceremonies including sprint planning, daily stand-ups, retrospectives and pair programming.
- Automated build and deployment pipelines using Jenkins and GitHub Actions to streamline software delivery.
- Reviewed peer code, enforced best practices, and collaborated in pull request discussions to maintain code quality.

## Education

### Bachelor of Science in Computing, Concentration: Information Technology

East Tennessee State University (ETSU) — Johnson City, TN | Aug 2016 – Dec 2020

*Cum Laude* and member of Upsilon Pi Epsilon (UPE) – Computing & Information Disciplines Honor Society

### Relevant Coursework and Projects

#### **Human Computer Interaction Course Project, ETSU | Aug 2020 – Dec 2020**

- Gathered and analyzed user requirements to define clear project goals, ensuring the solution met both user needs and course objectives.
- Led the development team by setting up collaboration processes, conducting code reviews, and managing weekly progress to successfully deliver a complex project on time.
- Created user personas and interactive prototypes to test and improve the usability of the application's interfaces.

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- Built responsive web interfaces using C#, ASP.NET, SQLite, JavaScript, HTML, CSS, jQuery, and enhanced overall user experience.
- Used Bitbucket for version control and team collaboration, maintaining code quality and smooth development workflow.

## **Software Engineering II Course Project, ETSU | Jan 2020 – May 2020**

- Collected and analyzed project requirements to design and develop a user-friendly full-stack web application aligned with academic standards.
- Designed UML and ER diagrams with Lucidchart to clearly map out system architecture and database relationships.
- Developed unit tests and applied code metrics to ensure solid test coverage and maintainable code.
- Followed Agile and Scrum practices to improve team coordination and meet project deadlines effectively.
- Implemented backend and frontend components using ASP.NET MVC, Web API, Oracle database, JavaScript, jQuery, HTML, CSS, Razor and deployed the application on Microsoft Azure.
- Managed project tasks and version control through Trello and GitHub, supporting effective communication and smooth teamwork.

## **Key Technical Skills**

**Programming and Scripting Languages:** Java, C#, JavaScript, TypeScript, Python, Bash, PowerShell

**Backend Development Frameworks:** Spring Boot, ASP.NET, Flask, Node.js, Express.js, Hibernate, Entity Framework,

**Package managers & Build Tools:** Maven, npm, pip, NuGet

**Frontend Libraries, Frameworks & Styling:** Angular, React, jQuery, HTML5, CSS, Bootstrap, SASS, LESS

**Cloud Platforms:** AWS (EC2, S3, VPC, EBS, ELB, RDS, Lambda, IAM), Microsoft Azure

**Database Technologies:** SQL (MySQL, MS SQL Server, Oracle, PostgreSQL, AWS RDS, SQLite), NoSQL (MongoDB, DynamoDB), ETL processes, Data Warehousing

**Infrastructure as Code (IaC) & Configuration Management:** Terraform, CloudFormation, Ansible, Chef, Puppet

**Containerization & Orchestration:** Docker, Kubernetes (EKS & ECS), Helm

**CI/CD & DevOps Tools:** Jenkins, GitHub Actions, AWS CodePipeline, GitLab CI/CD, Argo CD

**Version Control:** Git, GitHub, GitLab, Bitbucket

**API & Web Services:** RESTful APIs, Microservices Architecture, API Testing (Postman, Swagger)

**Markup & Data Formats:** JSON, XML, YAML, HCL

**Agile Methodologies and Tools:** Scrum, Kanban, Jira, Trello, Lucidchart, Sprint Planning, TDD, Pair Programming

**Monitoring & Alerting:** CloudWatch, CloudTrail, Prometheus, Grafana, ELK Stack (Elasticsearch, Logstash, Kibana)