

Anes Mehai

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PROFESSIONAL SUMMARY

Accomplished Polyglot Full-Stack Engineer with 5+ years of experience in designing, developing, and maintaining enterprise, web, and mobile applications across private, public sectors, and freelancing. Proficient in Java, Spring, Spring Boot, HTML, CSS, JavaScript, React, Python, Git, MySQL, Oracle, Selenium, Maven, Jenkins, CI/CD pipelines, RESTful APIs, Linux, Docker, AWS, GCP, Tomcat, JBoss, and Jira. A versatile professional with expertise in all phases of the software lifecycle, delivering modern, scalable, secure, and user-friendly products. Proven leader in managing multiple projects simultaneously, orchestrating design, development, and testing while fostering collaboration in fast-paced Agile environments. Strong in task management, accountability, adaptability, communication, teamwork, and creative problem-solving. Seeking a full-time opportunity to leverage my technical expertise and drive innovation within a dynamic team.

PROFESSIONAL EXPERIENCE

ALESIG CONSULTING

Application Developer II – Full-Time

May 2022 – February 2025

West Falls Church, VA

- **Strengthen security posture** by implementing Multi-Factor Authentication (**MFA**) using **Java Spring Security** for an internal Department of Labor application, significantly enhancing protection of Personally Identifiable Information and sensitive user data and mitigating unauthorized access risks.
- **Modernize legacy systems** by migrating an internal Department of Labor application from **Struts 1** to the **Java Spring** framework, enhancing modularity, security, and maintainability. Achieve a **20%** improvement in speed, reliability, and system uptime, significantly optimizing performance and ensuring higher availability for users.
- **Streamline data processing** by generating reports on **failed insurance data loads** and uploading data to the database using **Linux, SQL, Putty, and WinSCP** for all 50 states, Washington D.C., Puerto Rico, Guam, Mariana Islands and the U.S. Virgin Islands.
- **Implement updates** to weekly unemployment claims data using **HTML, GIT** and **GitLab**, ensuring timely and precise reporting of critical economic information.
- **Optimize application performance** by conducting **code reviews, writing functional requirement documents**, and assisting in the migration from **Struts 1 and 2** applications to **Java Spring**, thus enhancing scalability, security and readability.
- **Ensure accessibility compliance** with **Section 508** by performing **quality assurance testing, JUnit testing**, and identifying and resolving accessibility issues for web applications.

Pipal Incorporated

Full-Stack Developer – Full-Time

May 2019 – December 2021

Germantown, MD

- **Led the cloud deployment** of the application by **configuring, installing, and deploying** it on **Google Cloud Platform (GCP)**, leveraging **cloud-based hosting** to modernize the application, improve scalability, enhance reliability, and **reduce infrastructure costs** through optimized resource allocation.
- **Contribute to front-end development** of a **social media mobile application** using **Swift (iOS), Java (Android), and Flutter/Dart**, enhancing cross-platform user experience.
- **Maintain and optimize backend business functions** using **Python**, ensuring seamless application performance and functionality.
- **Collaborate with cross-functional teams to design and implement** application features, ensuring seamless alignment with business requirements and improving overall user engagement.

PROFESSIONAL EXPERIENCE (Continued)

Opsmart

LAMP Stack Developer – Part-Time

June 2017 – February 2019

Gaithersburg, MD

- **Reduce latency by over 15%** and improve user experience by **optimizing, updating, and maintaining** a client-facing website using **HTML, JavaScript, and PHP**.
- **Improve application reliability and performance** by **designing and implementing** automated **PHPUnit test scripts** to validate functionality and catch regressions early in the development cycle.
- **Configure and maintain Linux CentOS environments** for new hires, streamlining the onboarding process and ensuring consistent development setups across the team.

SKILLS SUMMARY

- **Programming & Scripting Languages:** Java, Python, JavaScript, SQL, Bash, Sass
- **Frameworks & Libraries:** Spring / Spring Boot, Spring Security, Hibernate, React.js, jQuery, Bootstrap, Tailwind CSS, Struts 1 & 2
- **Web Development:** HTML, CSS, JSON, XML, React.js, Spring Boot, Tailwind CSS, Bootstrap 3, Maven, ANT, Tomcat, JBoss
- **Version Control System:** Git, GitLab, GitHub
- **Cloud Programming and DevOps:** AWS (S3, EC2, RDS, Lambda) GCP, Docker, Linux (CentOS & Ubuntu), Jenkins, Git, CI/CD Pipelines, Terraform
- **Tools & Technologies:** IntelliJ IDEA, VS Code, Eclipse, Spring Tool Suite 4, Cursor
- **Databases:** MySQL, PostgreSQL, Oracle, Firebase
- **Mobile App Development:** iOS (Swift), Android (Java), Flutter/Dart
- **Project Management:** Jira, Trello, Notion
- **Web API:** RESTful, JPA/Hibernate
- **Testing & QA:** Selenium WebDriver (Java), Ranorex, JUnit, Postman (API Testing), Chrome DevTools, 508 Accessibility Testing, Black-box / White-box Testing, Regression Testing, Integration Testing, Manual Testing, Unit testing, UAT testing
- **Operating Systems:** Linux (CentOS, Ubuntu - command line, shell scripting, server management), Windows, MacOS
- **Soft Skills:** Problem-Solving, Clean Code Practices, Effective Communication, Collaboration, Attention to Detail, Adaptability, Time Management, Critical Thinking, Empathy, Conflict Resolution, Leadership, Accountability, Creativity, Cross-functional Teamwork, Client/Stakeholder Communication, Code Review Participation, Agile Mindset, Technical Writer and Documentation, Continuous Learning

RELEVANT EXPERIENCE SUMMARY

- Currently developing a website as a freelance project for a local mosque using HTML, Tailwind CSS, and JavaScript, hosted on Amazon Web Services (AWS) to ensure scalability, security, and performance.

EDUCATION & CLEARANCE

Bachelor of Science in Computer Science

2016 - 2021

University of Maryland Global Campus – Adelphi, Maryland

Clearance:

U.S. Citizen, Public Trust