Amanuel Getachew Shiferaw

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Milan, Italy

**Personal profile**

I am friendly and passionate about nature and computer systems, apart from being a good football player. I read any type of book (except horror) in my spare time. My studies and my previous work experiences have been mainly in these areas, and I am looking to progress my career in a more challenging role. I have excellent communication skills which enables me to build strong bonds with my colleagues. I have been part of many projects from different sectors. I have an excellent ability to adapt and produce useful products.

**Achievements**

* More than 9 years of relevant work experience(including 4+ in multicultural International teams )
* Relevant certifications( OCA Java developer, Dependency injection in **Spring** framework, **Excel Networking Engineer and** Your Road to Better **Photography**)
* Core member on [www.dzone.com](http://www.dzone.com) (https://dzone.com/users/2905980/amanita.html)

**Eduction**

**Sept** 2015 – **Dec** 2017 **University of Calabria**  Msc In Computer Science

**Core courses**

* Mobile and Social Computing
* Agile Software Development for Enterprise
* Project Management
* Secure Software Design
* Security and Legal issues

**Sept** 2007 – **Jun** 2010 **Wollega University** Bsc. In Computer Science

**Employment**

Aug 2022 - Present **Senior Software Engineer**  Motork Italia

**Main responsibilities**

* Development Testing and Deployment of complex features and maintenance of code with no supervision
* Troubleshooting complex problems and use of expertise to work through coding issues
* Peer reviewing the code of others
* Reviewing pull requests(PR)
* Utilizing/applying agile methodologies
* Assisting more junior developers

**Tools and methodologies:** Java, Groovy, Spring boot, grails, Mysql, Mongodb, Tomcat, Jira, Confluence, Git, Kubernetes, AWS

Nov 2020 - May 2022 **Software Engineer II**  Docomo digital

**Main responsibilities**

* Development Testing and Deployment of complex features and maintenance of code with no supervision
* Troubleshooting complex problems and use of expertise to work through coding issues
* Testing your own code and peer reviewing the code of others
* Utilizing/applying agile methodologies
* Assisting more junior developers
* Step in for Lead as required

**Tools and methodologies:** Java, Spring boot, Mysql, Mongodb, Tomcat, Jira, Confluence, Git, Kubernetes(EKS), AWS

Feb 2020 - Nov 2020 **Java developer** Amaris

**Main responsibilities**

* Analyzing requirements
* Writing new modules, testing(unit and integration tests) and refining as necessary
* Maintaining systems by correcting software defects(bugs)
* Investigating new technologies and integrating them as necessary
* Integrating different systems

**Tools and methodologies:** Spring mvc, EJB 3, Mybatis, Oracle, Mongo db, Glassfish 4.1, Rabbit MQ, Jira, Confluence, Git

**May** 2018 – February 2020 **Java developer** Itaca s.r.l

**Main responsibilities**

* Analyzing user stories
* Writing new software programs, testing(unit and integration tests) and refining as necessary
* Writing documentation
* Maintaining systems by monitoring and correcting software defects(bugs)
* Investigating new technologies and integrating them
* Integrating different systems and testing
* Providing help on DevOps tools such as Jenkins, Jfrog artifactory and linux(Centos) machines.

**Tools and methodologies:** Agile(scrum)**,** Spring boot, Spring data jpa, swagger 2.0(openApi specification), Oracle 12c, Jboss EAP 7.1, Jenkins, Jfrog artifactory, Sonarqube, Jira, Confluence, Git

**June** 2011 – **Sept** 2015 **Software developer** Information Network Security Agency

**Main duties**

* Analyzing user requirements
* Researching, designing and writing new software programs
* Writing and testing code and then refining and rewriting as necessary
* Writing operational documentation
* Maintaining systems by monitoring and correcting software defects(bugs)
* Working closely with other staff, such as project managers, designers, developers, systems analysts
* Investigating new technologies
* Continually updating technical knowledge and skills by attending in-house and/or external courses, reading manuals and accessing new applications
* Providing support and responding to feedback

**Tools and methodologies:** Agile(scrum)**,** EJB 2.0, Eclipse link, JSF, Oracle 11g, Glassfish 4.1, Jenkins, Jira, Confluence, Git

**Project experiences**

* **Payment integration:** Connecting online app stores and merchants to over 3 billion users across the globe. The world’s leading online businesses, including Amazon, Google and Microsoft, used our Payment technology to provide new ways to pay that are fast, simple and secure. As a senior engineer, I was tasked with development and design of new/older systems.
* **Covid-19 case reporting dashboard:** In relation to the current pandemic, I have been tasked to work on a dashboard used for case reporting, community surveillance, contact tracing and so on with volunteers from different countries. My main task is backend development and a small portion of the front end.
* **Core banking (corporate):** In a span of 2 years, me and my teammates were tasked in modernizing an existing legacy core banking system to one that can be adapted to the current requirement of customers. I took part in the project as a java developer and had to manage on-premises servers on the project kickoff. The project included teams across some countries in Europe.
* **Credit and risk management system:**  (In a team of more than 20 members, constituted from different countries, with expertise in application development, project management and business analysis. I took part in developing parts of the system that has been assigned to me.)
* **Debt service capacity calculator** (The project was implemented as a web application using the very latest approaches of web application development. Likewise, the technology stack has been chosen very carefully.)
* **Campus guide for University of Calabria** (in a team of 3 developers, I have been tasked to develop parts of an Android application that can assist in locating important areas in the university campus that has more than 30,000 students)
* **ERP for Ethiopian Petroleum Supply Enterprise** (As an ERP system, the project had HR management system, Financial system and Employee and supply-chain related different modules. In this project I have been tasked to work with the HR system development team.)
* **Inventory management system** (as a developer with my teammates)

**Language skills**

**Mother tongue: Amharic**

**Other language(s) Listening Speaking Reading Writing**

**English** Excellent v.good Excellent Excellent

**Italian** Medium Fair Medium Fair

**Skills(technical)**

* **Languages**: Java, php, Node.js, HTML, CSS, Javascript
* **Frameworks/API**: EJB, Spring boot, Spring data, Spring mvc, Twitter Bootstrap, SOAP web services, RESTful web services, Hibernate ORM, React, Swagger 2.0 (OpenAPI specification)
* **Mobile dev**: Flutter and native Android
* **CI/CD and code quality**: Jenkins, Jfrog Artifactory, SonarQube
* **Database**: - SQLite, Mysql, Oracle, Postgresql, MongoDB
* **OS**: - Linux, OSx, Windows
* **Other skills**: JBoss EAP, Tomcat, Glassfish

**References**

Mr. Tsinu Assefa Prof. Giorgio Terracina ,

Adds Energy, Norway Università della Calabria, Italy

Software developer Lecturer

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