

Java Developer Java Developer Fairfield, IA Work Experience Java Developer CAREER NOTE -
Turin, IT December 2017 to July 2018 Completed on-campus studies and currently taking distance
education courses to complete a Master's Degree in Computer Science (Available for full-time, W-2
employment). Thesis Intern at National Research Council of Italy, Turin, Italy Dec 2017- July
2018 Worked on an experimental thesis and project named "Wireless Sensor Networks
Management for Modern Industrial Applications and Plants" done with collaboration of COMAU
robotics. The thesis investigates integration of intelligence and predictive maintenance into wireless
sensor networks and building microservices for big-data endpoints, an emerging technology for
industrial automation and robotics. Technologies Used: Java, Python, MySQL, RESTful, Spring IoT,
Spring Boot, Spring XD. Software Engineer INFORMATION NETWORK SECURITY AGENCY -
Addis Ababa, ET 2011 to 2015 Addis Ababa, Ethiopia 2011-2015 National cyber security agency
protecting the Ethiopian government's digital information. Software Engineer: Developed complete
software systems for governmental entities, using the latest technologies and techniques to ensure
solid data and system security. Key developer contributing to banking, public sector, and education
business domain systems. Tasks Performed: Refined functional requirements and translated
into system design with UML diagram Built RESTful services and Microservices for Banking,
Education and Government Offices projects. Implemented complex business logic and designed
database schema. Delivered rich, interactive front-end user interfaces. 702-576-4488
birhane.g.tamene@gmail.com Developed dashboard modules in Single Page Applications
(SPAs) for administrative and reporting purposes. Performed unit and penetration testing, as well
as user acceptance testing. Migrated legacy enterprise monolith software solutions to
Microservice-based architecture. Reviewed and refactored code, ensuring high quality standards
and programming principles such as single responsibility, loose coupling using dependency injection
and DRY. Education Master of Science in Computer Science in distance education Maharishi
University of Management (MUM) - Fairfield, IA April 2021 Master of Science in Communication &
Computer Networks Engineering in Communication & Computer Networks Engineering Polytechnic
University of Turin - Turin, IT 2018 Bachelor of Science in Computer Science in Computer Science

Aksum University 2010 Links <https://www.linkedin.com/in/birhane-tamene>

Name: Amanda Galloway

Email: kimberlysmith@example.org

Phone: 433-740-3994