BURAK C. BAYRAKDAR

Japan | bureaquete@gmail.com

www.buræquete.com

Professional Summary

Quality-driven Technical Lead well-versed in best practices, and developing innovative technical solutions to diverse issues utilizing Agile methodology. Driven to devise robust solutions that meet changing business demands, and improve software development processes with automation. Prepared to leverage 5+ years' experience to take on new professional challenges and improve technical impact.

Skills

- Web platform development
- Technical Design
- Technical specifications creation
- Database design
- Task Automation

- Team Player/Mentor
- Java/C/C++
- Oracle/Hibernate/JPA
- Python
- *nix/Windows/Android/iOS

Work History

Technical Lead   Apr 2015 - Current

Rakuten Travel, Rakuten Inc   Tokyo, Japan

- Working as tech lead within back-end division with 15 people across 3 countries.
- Focusing on technological and design choices for products, and application of business requirements within RESTful cloud based microservices.
- Stack includes; SpringBoot, Java, JPA, Oracle, Junit, CloudFoundry, Kafka, also Python, Mongo, Redis, Neo4J, Kong, Jenkins, Maven, Ansible, Git, Confluence, Jira, Bitbucket, Intellij
- Created specialized modules used in most back-end utilizing event handling, OOP, Hibernate, and AOP to encapsulate certain business logic with reduced coupling, and high maintainability.
- Constant drive for automation of processes, by creating tools for smart object mapping, testing, test data generation, document generation. etc. to reduce cost of development, up to 80% reduction in source code and 30% in man hour in most product development.
- Helped reduce response time up to 10x to 20x in some APIs, by proper data structure usage, JPA optimization, and redesigning.

Software Engineer   Dec 2013 - Feb 2015

Garanti Technology, Garanti Bank   Istanbul, Turkey

- Involved in a company-wide project aimed at redefining the decade old infrastructure and interface of most operations, creating a cross-platform all-in-one product.
- Worked with Spring MVC in back-end, creating many banking features into RESTful APIs binding them to JQuery based frond-end.
- Biggest challenge was creating a mail client within this product, similar to Microsoft OWA, utilizing Outlook API. Lead the design/development, both for back & front end, and communication with Microsoft.

Education

Young Scientist Exchange Program: **Network Visualization & Quantum Computing**   08/2013

Tokyo Institute Of Technology   Japan

- Recipient of JASSO Scholarship for one semester

Bachelor of Science: **Computer Engineering**   07/2013

Middle East Technical University   Ankara/Northern Cyprus

- Graduated top in computer engineering department with 3.64 GPA, 5th in all engineering.
- Awarded "Dean's High Honor" during all semesters
- Thesis: 8/16 bit processor and ISA design project (w/o pipelining)
- Project: Campus Guide Mobile Application
- Project: Human face recognition system with MATLAB
- Project: Masterless Database-centric Grid Network

Erasmus Exchange Program   01/2011

Uppsala University   Sweden

- Recipient of Erasmus Scholarship for one semester

Interests

History, Gaming, Reading, Workout/Jogging, Stackoverflow/ProjectEuler, amateur game development

Additional Information

- TOEFL examination 108/120 (2015)