

## **Rachid Abadli**

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### **Information Technology**

Fundamental knowledge and understanding of Object-Oriented Programming principles, various infrastructure technologies, paired with impeccable critical thinking yield advanced design and problem-solving skills. With flawless communication skills, I can convey complex concepts and ideas to individuals of wide technical level range. Expertise includes:

- All phases of software development life cycle (SDLC)
- Latest tools and concepts to build, monitor, scale, and maintain web applications
- Business process analysis and business process re-engineering for efficiency

### **TECHNICAL SUMMARY**

<b>Programming languages</b>	Java, C#, .NET, HTML, CSS, JavaScript, Ruby, Python,
<b>AWS</b>	CloudFormation, CloudWatch, EC2, IAM, Lambda, S3, VPC, etc.
<b>Operating systems</b>	Linux, Windows, iOS, UNIX
<b>Development environments</b>	IntelliJ Idea, Eclipse, Visual Studio, Android Studio, Atom
<b>RDBMS</b>	MySQL, Oracle, SQL Server, MSSQL server, PostgreSQL, MS Access

### **CERTIFICATIONS**

<b>Oracle Java Certified – Associate</b>	2017
<b>AWS Certified Solutions Architect – Associate</b>	2019
<b>Certified SCRUM Master (CSM)–SCRUM Alliance</b>	2020

### **PROFESSIONAL EXPERIENCE**

Kratos Defense and Security, Folsom CA	07/2019 - Current
<b>Senior Software Engineer</b>	
Assignment: Kratos Management Platform	
<ul style="list-style-type: none"><li>• Worked on properly building application in microservices architecture.</li><li>• Converted legacy applications to run as microservices in Docker containers, enabling scalability and easy on-boarding of new customers. Estimated cost saving and increased revenue amounts to \$250,000/year.</li><li>• Participated in the architecting and execution of the new KMP application, with a tech stack consisting of Angular 8 for the front-end development, and Java, RabbitMQ, Postgres, for the REST microservices in the back end.</li></ul>	
Educational Credit Management Corporation, Mather, CA	01/2018 - 06/2019
<b>Software Engineer</b>	
Assignment: Student Loan Management	
<ul style="list-style-type: none"><li>• Helped migrate applications and databases from in-premise to AWS using CloudFormation, CloudWatch, EC2, IAM, Lambda, S3, VPC, etc.</li><li>• Maintained and enhanced existing internal JSP application for internal users. The tech stack consisted of Java, Ant, MySQL.</li><li>• Contributed to converting the legacy app to an internal web application using Angular 6 for the front-end, and by creating an API Gateway and an adapter using the Spring framework for the REST API back-end. This enabled the migration to the cloud and the immense overhead reduction.</li></ul>	
PowerSchool, Folsom, CA	10/2016 – 01/2018
<b>DevOps/Software Engineer</b>	

Assignment: Web application

- Headed DevOps role for a 50 million users' web application after a short 3 months on-boarding period.
- Enforced security policy and good practices to protect Personally Identifiable Information.
- Created and maintained CI/CD servers using GitLab's' built-in features and Jenkins.
- Maintain the deployment and configuration of a fleet of Docker containers for microservices.
- Build REST web services.
- Use Python and Ruby to build automation of repetitive tasks to improve the delivery time, reduce the risk of operator errors and alleviate the load on the team.
- Onboarded and trained other team members with direct interaction and through robust and thorough documentation I created.

Assignment: Migrate Virtual machines to a new data center which saved the company \$250k annually

- Use Ruby to build specific Chef cookbooks and recipes to deploy Application code and configuration selectively to all the VMs.
- Migrated the full virtual servers' fleet, 17 application/web servers and 4 database VMs from one hosting region to another without impact to customers.
- Created all replacement VMs in the new data center, replicated the existing architecture with improvements to fix shortcomings.

Assignment: Deploy the application I oversee to a foreign country under a distinct set of laws.

- Architect the application High Availability, accessibility, and features to abide by the foreign customer's country laws while ensuring scalability.
- Build pre-production environments in AWS to enable code, environment, and their interaction quality assurance.
- Construct production servers, load-test them, and implement changes to insure a decent response time.

Legislative Data Center, Sacramento, CA

01/2014 – 07/2016

**Software Developer**

Assignment: Share the coding workload as a full-fledged developer using the Agile SDLC methodology

- Key member of a team of developers -using the .NET stack (C#, JavaScript, HTML, CSS)- to resolve bugs, implement enhancements, and create new applications as requested by the business team, the QA team, and the customer.
- Gathered requirements, which are then converted into actionable tasks and ultimately new code. I conducted code unit testing to prevent pushing bad code to the team's Team Foundation Server (TFS).
- Interacted with personnel at various levels -within my team and in multiple other teams- collaboratively with effective written and verbal communication skills.

Assignment: Enable an urgent feature according to specifications

- Project lead to build a custom report, using stored numbers, calculated values, and pie charts in specific presentation, within 2 days of the request.
- I developed the front end, the back end, unit-tested my code, submitted to QA and received successful feedback.
- I successfully met the deadline with effective planning and flawless execution.

**EDUCATION**

MBA, Finance concentration, CSU - Sacramento

BS, Computer Science, UC – Davis - Present

BS, Agronomy Engineering, ENAM, Meknes, MOROCCO

AS, Computer Science, American River College

AS, Mathematics, Sacramento City College