

# COLIN IULIANO

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Driven lifelong learner with extensive software and hardware side-projects

## SKILLS

- // Advanced knowledge of C#, backend Javascript, API design
- // Extensive knowledge of AWS - Certified Solutions Architect (Associate)
- // Intermediate knowledge of frontend Javascript, web design (Polymer)
- // Postgres, MSSQL, MySQL, DynamoDB
- // Cloud infrastructure, scalability, cost optimization
- // Microservice architecture design and implementation
- // Highly-available distributed systems and message buses (SNS, RabbitMQ)
- // DevOps, Infrastructure as code
- // Agile software development
- // Test-driven development

## EXPERIENCE

### Desire2Learn (D2L), Kitchener – Sr. Software Developer

MAY 2012 – PRESENT

- // Currently tech lead on a team of 3 developers
- // Working on high-profile integrations and API management
- // Current team
  - // Interviewed candidates for a new highly-visible product team
  - // Responsible for technical design, frontend and backend development, test development, code reviews, and team leadership
- // Integration team
  - // Worked on a new SIS integration architecture
  - // Designed and implemented a highly-available distributed system in AWS using API gateway, Lambdas,
  - // Helped reduce a ~400 hour implementation down to ~1 hour
- // Customization team
  - // Worked with clients to design, implement, and test non-standard UIs, APIs, and workflows aligning to their business needs

## EDUCATION

### Wilfrid Laurier University – BSc. Honours Computing & Computer Electronics

FALL 2008 – WINTER 2013

- // Double majored in Computer Science and Physics

## CERTIFICATION

- // AWS Certified Solutions Architect Associate ([badge link](#))