

# ROBERT CHANG

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## OBJECTIVE

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Software Engineer w/ 8+ years experience in designing, building scalable full-stack apps, serverless microservices, RESTful APIs, and leveraging Cloud platforms.

Currently learning to build CI/CD pipelines, Terraform templates, and SPAs w/ ReactJS. Pursuing the AZ305+400 certs next. Looking for new opportunities to relentlessly learn and grow.

## EDUCATION

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<b>MS Computer Science</b> , Columbia University	<i>expected</i> 2021 - 2024
<b>BS Computer Science</b> , SUNY Buffalo <i>Cum Laude — Dean's list: Fall 2013</i>	2012 - 2013
Economics, CUNY Hunter College	2009 - 2011

## SKILLS

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<b>Technical Skills:</b>	Azure, AWS, Google Cloud, Heroku, Okta, Auth0, Gherkin
<b>PL+Frameworks:</b>	C# .NET Core, Python Flask Django, Ruby RoR, SQL, JavaScript
<b>Familiar w/:</b>	ReactJS, NodeJS, Typescript, DevOps CI/CD ARM YML, MD, LaTeX
<b>Terminal:</b>	UNIX, VIM, Git
<b>Soft Skills:</b>	Agile SAFE Scrum, Project Management, Leadership
<b>Certifications:</b>	Okta {Professional, Administrator, Consultant, Developer}, Azure {Administrator}

## EXPERIENCE

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<b>Senior Software Engineer</b> Con Edison	Jan 2015 - <b>PRESENT</b> <i>New York, NY</i>
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- Develop, deploy, troubleshoot, maintain enterprise PROD code for legacy+CORE RESTful API services, web jobs, batch jobs, Azure Functions, and microservices that drive the DCX experiences for the Coned public website, MyAccount, support tools, and pilot programs. (ie. bills, payments, AMI, data cleanup, Alexa skills). Led dev teams on project initiatives.
- Development, DR, maintenance for CSR support tools: DCX Assist, Okta Group Management.
- Primary co-lead, mentor for configuring Okta CIAM + OAuth2 integrations across all Con Edison external client channels and services using OIDC, WS-Fed, SAML.
- Preach, practice AGILE SCRUM; worked with stakeholders; project management; hold technical presentations
- Configure, Deploy, Maintain Azure cloud products: API Management + policies, Storage and Compute products, DevOps, KeyVault, Monitor.

<b>GOLD Associate</b> Con Edison	June 2014 - Dec 2015 <i>New York, NY</i>
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- Completed Con Edison's Growth Opportunities for Leadership Development (GOLD) management program. Completion required extensive technical, financial acumen, and leadership training through regimented course and field work in three 6-month assignments across various organizations. Program deliverable included a technical paper, and presentations to a committee board of executive leaders. My rotations were in: IT Supply Chain Analyst, Astoria Pipe Yard Supervisor, and Underground Electric Analyst.

## PROJECTS

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**E6156 Cloud Compute** Design, build, and deploy a SaaS Eventbrite replica web app powered through cloud infrastructure and RESTful API microservices. Built with AWS Lambda, API Gateway, IAM, S3, CloudFront, EC2, NSGs, Key Management Store, Elastic Beanstalk, Docker, CloudWatch, AMZN RDS, SNS; Google Cloud identity, and external third-party libraries (ie. SmartyStreets, SentrySDK). Developed with TWTR Bootstrap, Python Flask, MySQL.

**4152 ESaaS** Design, build, and deploy a SaaS Meme rating web app powered through RESTful APIs using Ruby Rails, AWS S3, Heroku, PostgreSQL, bootstrap. This social app enables users to CRUD memes + meme ratings, B2B partnerships (ie. TWTR, FB, Reddit). Accompanied by unit, integration, coverage tests built w/ Gherkin, rspec, and cucumber.