# Xavier Salazar

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## Education

### Georgia Institute of Technology                                01/2019 – 05/2022
M.S. Computer Science                                                       GPA: 3.85/4.00
   Focus in software architecture and design, with supporting coursework in artificial intelligence, network security, human-computer interaction, and software development processes

### The University of Texas at Austin                             08/2012 – 05/2016
B.S. Electrical and Computer Engineering                                    GPA: 3.45/4.00
   Focus in software engineering, studying software design, testing, algorithms, and data structures

## Work Experience

### Slack                     Senior Software Engineer                  11/2021 – Current
- Implemented and maintain legal compliance process to preserve and store customer data for law enforcement requests
- Maintained scalable AWS architecture to scan and process real time file information for AUP and ToS violations
- Built moderation tooling to allow users to report inflammatory content to workspace administrators to review

### OpenSesame                Senior Software Engineer                  06/2019 – 11/2021
- Architected flagship microservice API to deliver e-learning content, utilizing AWS Fargate, Amazon Aurora, Docker
- Implemented OAuth 2.0 authentication workflows for client integrations, leveraging Okta and Hapi libraries
- Standardized local developer testing experience, utilizing VSCode and Jest for quicker test-driven development
- Migrated legacy CloudFormation infrastructure to Terraform, increasing IaC coverage and site reliability
- Coordinated strategic domain extractions and data migrations for legacy applications
- Led Engineering Book Club, reading books on domain driven design, microservices, and career growth

### Intel                         Software Engineer                      05/2016 – 06/2019
- Developed full-stack C# applications to assist in streamlining production hardware manufacturing
- Maintained and continuously improved WPF- and legacy WinForms-based desktop application suites
- Created RESTful microservice APIs for extensible global web-based data integrations, using Redis and .NET Framework
- Trained, presented ramp-up material, and created documentation for working with hardware simulation software

## Projects

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| Emoji Kitchen<br>emojikitchen.dev | Typescript/React application with CI/CD via GitHub Actions and automated npm package management with Dependabot, featuring an online browser for Google's Emoji Kitchen |
| Wow Emoji<br>wowemoji.dev | Typescript/React application to generate automated "wow" emoji based on uploaded content. Utilized within Slack to create custom emoji to celebrate teammates with colorful creations |
| Personal Website<br>xsalazar.com | Typescript/React website to feature software portfolio and numerous open source contributions, leveraging the GitHub API, Material UI libraries, GitHub Actions |
| AWS API Template<br>aws-api.xsalazar.com | Boilerplate repository to create a Terraform-managed AWS Fargate infrastructure, running a load-balanced, containerized Typescript API with automated deployments |

## Technologies and Certifications

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| Languages and Technologies | Angular, AWS, Docker, GitHub Actions, Hapi, Javascript, MySQL, Terraform, Typescript |
| Professional Certifications | AWS Certified Cloud Practitioner, HashiCorp Certified: Terraform Associate |