

# Gautam Velpula

TECHNOLOGIST · ENTERPRISE ARCHITECTURE

Atlanta, GA

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*"What has passed is already finished with. What I find more interesting is what is still to come."*

## Summary

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PASSIONATE TECHNOLOGIST AND PROBLEM SOLVER WITH EXTENSIVE EXPERIENCE BUILDING ENTERPRISE CLOUD/ON-PREMISE SOLUTIONS.

## Highlights

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- Designed and implemented a public facing cloud SAAS solution for Microsoft, in production today at all the retail stores in USA.
- Maintained a cloud-based API in PRODUCTION in Azure (3M requests a month)
- Experience designing and building Micro services and executing an API first strategy
- Standardized CI/CD in projects using Jenkins in the organization.
- Well versed designing high availability applications on public clouds and on-premise
- Proponent of the Open Source Bazaar model. Believe an Inner Source model is the path forward at large corporations.
- Experience working on geographically and functionally diverse agile teams.
- Won the employee of the year award.

## Recent Experience

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### Slalom LLC

Atlanta, GA

SOLUTION PRINCIPAL

Sep. 2018 - Current

- Plan and execute technology projects for clients.
- Lead technology decisions, day to day activities at client location inline with the client's long-term goals.
- Assist in writing SOWs and proposals for future work.
- Currently managing 3 engineers, mentoring the engineers with a view to improve their skills and guide them to be leaders in the future.

### Jacada Inc

Atlanta, GA

DIRECTOR PROFESSIONAL SERVICES

Nov. 2013 - Sep. 2018

- Oversight over multiple client projects.
- Technology oversight for the whole practice, driving knowledge sharing and best practices.
- Manage time and material delivered to the client to maintain a mutually successful relationship.
- Step in and help resolve any conflicts or escalations.
- Act as a safety check with any technology decisions to ensure long term client goals are considered.
- Responsible for hire and performance of 5-15 employees depending on workload.
- Take technology lead in building POCs for sales initiatives. Help shape solutions to client needs.

## Recent Projects

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### NCR

Atlanta, GA

SLALOM LLC

Sep. 2019 - Current

- Leading the migration of their SMB product called Silver from AWS to GCP.
- Helped sell additional scope after an initial small assignment to help with specific technology problems.
- Automated install and complex custom configurations, for e.g. a highly customized SQL Server implementation on custom compute instances.
- Built solution to cutover with minimal downtime taking into consideration security requirements of NCR affecting this timeline.
- Assisted in architecting a solution for failover across AWS and GCP cloud.
- Helping instill a DevOps culture.
- Coordinated work between Google, Slalom and NCR to find solutions for GCP specific quirks.

## The Home Depot

Atlanta, GA

SLALOM LLC

Sep. 2018 - Oct. 2019

- Retirement of their \$2B payments system.
- Delivered the solution ahead of schedule, allowing the customer to plan future tasks.
- Helped the customer unentangle their internal dependency spaghetti allowing them to streamline the future work based on current team workload.
- Monolithic, hard to maintain needed to be retired.
- Proprietary HPE system which was very expensive to scale
- Stop gaps solutions in place for several years for core business components like their web store payment.
- The solution used proprietary development tools which are hard to hire for, quality of code was poor with years of technical debt.
- Led a major undertaking to shine a light on the system, with in depth analysis of code.
- Assimilated all the tribal knowledge which was key to the maintenance and history of the system.
- Planned a migration in detail
- Due to the lack of comprehensive test plan, tailor made a migration strategy to allow parallel execution without affecting downstream systems.

## Microsoft

Atlanta, GA

JACADA INC

Nov. 2015 - Aug. 2018

- Designed and implemented a public facing solution to be an alternative for their IVR.
- Built an exceptional relationship with the client helping the client become very successful internally.
- Sold multiple renewals for support and new work, with the project becoming one of Jacada's biggest success stories.
- Jacada's SaaS solution was still in a nascent stage, helped the product team with feedback and suggestions to make the product more robust and marketable to business owners.
- Developed several custom JavaScript plugins to customize the solution.
- Built and maintained a custom backend API in Azure cloud to ease integration pains with Microsoft infrastructure, as a side effect we were one of the first 3rd parties to use Azure AD and many other Azure cloud products.

## American National

Atlanta, GA

JACADA INC

Sep. 2017 - Aug. 2018

- Designed their call center application.
- Oversaw their deployment to production, being the feet on the ground as the customer deployed to their workforce.
- Developed a custom JavaScript framework to minimize rework and allow for reuse and extensibility.
- Assisted their infrastructure admins to deploy the solution across various lifecycles.
- Leadership oversight on the project while managing the scope.

## Humana

Atlanta, GA

JACADA INC

May. 2016 - Jan. 2017

- Implemented a Micro-Services architecture.
- Championed an API first approach.
- Designed a timer-based solution to enable asynchronous submission of user data to backend system.
- Led UI/UX design while keeping in line with Business feedback.
- Helped orchestration of development tasks while working with a geographically spread teams across the world.
- Created a framework with an eye on future enhancements that other developers could follow.
- This framework helped save 20% development for the rest of the project along with a non trivial drop in bug occurrence.

## Skills

<b>DevOps</b>	Docker, Terraform, Jenkins
<b>Cloud</b>	Azure(Website, ActiveDirectory, Blob Storage, Active Directory), AWS(EC2, Beanstalk, Lambda, CodePipeline, S3 static web hosting, SNS, AppSync, Cloud Formation), GCP(Compute, Storage, VPC, Load Balancer, GKE), Heroku
<b>Back-end</b>	Express, KOA, HAPI, Spring boot, VertX
<b>Front-end</b>	React, Angular, Sencha, HTML5, CSS, LESS, SASS, Bootstrap, Bulma, Foundation
<b>Programming Languages</b>	Node.js, JAVA, JavaScript, C#, Golang, python
	English, Telugu, Hindi

## Education

### George Mason University(Volgenau School of Engineering)

Fairfax, VA

M.S. IN INFORMATION SYSTEMS

Jan. 2007 - Jan. 2009

### Osmania University

Hyderabad, India

B.E. IN COMPUTER SCIENCE

May. 2002 - May. 2006