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

PASSIONATE TECHNOLOGIST AND PROBLEM SOLVER WITH EXTENSIVE EXPERIENCE BUILDING ENTERPRISE CLOUD/ON-PREMISE SOLUTIONS, SEEKING A LEADERSHIP POSITION TO BUILD AND IMPLEMENT A LONG TERM IT STRATEGY AT AN ENTERPRISE.

Highlights

- 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

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

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*

Sᴌᴀᴌᴏᴍ 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.
- Planed 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*

Jᴀᴄᴀᴅᴀ Iɴᴄ   *Nov. 2015 - Aug. 2018*

- Designed an 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*

Jᴀᴄᴀᴅᴀ Iɴᴄ   *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*

Jᴀᴄᴀᴅᴀ Iɴᴄ   *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

DevOps	Docker, Terraform, Jenkins
Cloud	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
Back-end	Express, KOA, HAPI, Spring boot, VertX
Front-end	React, Angular, Sencha, HTML5, CSS, LESS, SASS, Bootstrap, Bulma, Foundation
Programming	Node.js, JAVA, JavaScript, C#, Golang, python
Languages	English, Telugu, Hindi

Education

George Mason University(Volgenau School of Engineering)   *Fairfax, VA*

M.S. ɪɴ Iɴꜰᴏʀᴍᴀᴛɪᴏɴ Sʏsᴛᴇᴍs   *Jan. 2007 - Jan. 2009*

Osmania University   *Hyderabad, India*

B.E. ɪɴ Cᴏᴍᴘᴜᴛᴇʀ Sᴄɪᴇɴᴄᴇ   *May. 2002 - May. 2006*