Rohit Vinod Tiwari (STAMP 4 HOLDER)

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Skills

Languages: Golang/C++, JavaScript, TypeScript, Python, JAVA, NodeJS, PHP,SQL,CSS, HTML

Technologies & Tools: AWS, EC2, ALB, API Gateway, DynamoDB, S3, SQS, Lambda, Elasticsearch, ECS, Cloudwatch, Kubernetes, Docker, Cloudformation, KMS, SSM, EBS, ReactJS, Redux, Azure, VM, Storage, HLD, LLD, Express, Distributed Computing, Concurrent Application. Design Pattern, Solid Principles, Linux,Mysql, NoSQL, Redis, Kafka, Jenkins, Jarvis, Buildspec,Git, RestAPI

Personal Profile

Qualified engineer with 11+ years of experience in designing, developing, and delivering scalable and reliable cloud-native AWS and Azure applications. Skilled programmer and built REST, System and User applications in Golang/Nodejs, JavaScript, React, Python, JAVA, AWS and Azure. Proven track record of leading and managing cross-functional teams, resolving critical production issues, and documenting product integration and onboarding flow. Experienced in CI/CD with container & serverless deployments with Best Devops Practice. Migrating on-premise infrastructure to the cloud. Strong focus on building serverless, distributed, and event-driven applications with high scalability,reliability and security. 3X AWS certified & Azure Certified

Work Experience

Druva Data Solutions, Ireland Sept 2021 - Present *Senior Staff Software Engineer*

- Primarily acted feature development SME and contributed initial architecture design and development, non functional requirement with post production feature maturity support built using golang/nodejs/react on AWS for both AWS and AZURE workloads. mysql/elasticsearch datastore helping faster delivery of critical services months of timeline.
- Build core components of data protection SAAS platform providing backup/restore/inframanagement features of service helping as part of Architectural revamp removing redundancy and faster onboarding of cloud/on premise workload like azure, aws, gcp.
- Developed topology microservice serverless sync/ingestion REST API/remotesdk for storing/modifying/deleting cloud resources state of customer environment. Build flexible search/aggregate control plane facing performant/scalable reads designing tables and indexes providing cloud agnostic graphdb alike support. Integrated RBAC, global Auth, swagger validation feature mentoring junior devs. Resolved Challenges DB deadlock, Include/Exclude Rules query design. Support flexible properties filtering and sorting and tags. UT &CT Implementation.
- Developed Discovery Service dynamically creating multiple syncs using SQS, assuming role into customer env and concurrently syncing using goroutines cloud entities to topology. Rest API for sync Job Service Integration. Integrated with CloudConnection and Azure SDK. UT &CT Implementation.
- Design/Developed Credential store facilitating customer cloud creds with multiple Encryption type using ekey/KMS. Implemented RBAC, Remote SDK, swagger validation as middleware developed.
- Developed Global Reporting Designed Schema registry Generator and validating updates improving workload reports onboarding, exposing REST APIi for pipeline, warehouse creation facilitating creation of AWS Glue, Redshift to schema registry. Debugging and Resolving Features
- Developed Workload Config Syncer service for syncing async Backupset and Topology Service Shared Meta information, and offloading compute intensive endpoints to this service using ECS and docker, SQS.
- Mentorship to colleagues around code refactoring, performant schema design, debugging, rca analysis and onboarding of services, local development and session for golang, nodejs, express.
- Skill: Golang, AWS,Azure,Python, NodeJS, Typescript, React, Redux, Mysql, Docker, ECS, ElasticSearch.

Evolent Health, Pune Aug 2018 - Sept 2021 *Senior Software Engineer*

- Lead migration for Drupal & bunch of other micro websites from the IAAS to Azure PAAS leading to reduction of cost and scalability. Used CDN to cache entire websites for performance and scalability optimizations.
- Integrated with Application build in PHP with umbrella service and multi sites onboarding feature.
- Worked on creating new components in react and reusing existing components from library to integrate with UI and did code review for Identifi Product.
- Build Devops Azure Pipelines to deploy new changes to applications to production for newly created service and drupal/php applications.

- Build event driven processing service using express, sequelize and NodeJS facilitating claims adjudication and processing and build internal applications for documentation processing purpose.
- Heavily used golang for stateless micro service importing records from batch processing to database for user/clients onboarding.
- Skills: PHP, NodeJS, Express, Golang, React, Redux, HTML, CSS, Azure, Azure PAAS, Storage

Webonise Lab, Pune Dec 2015 - Aug 2018 *Senior Software Engineer*

- Build more then 3-4 tenants/subsites with php, nodejs, react, drupal based on product and admin for reporting in CakePHP.
- Worked on full stack SPA LMS(ruby on Rails, Course Taking-angularjs) and migration of Old legacy system in html css to modern react and node js stack using Typescript, ReactJs,React Router, Metalsmith and handlebars.
- Helped team members for JavaScript and jQuery integration for animation or development.
- Was lead Developer for custom drupal module development for print flyers catalog management using CMS drupal & added pages with heavy dynamic jquery animation and content modeling in Drupal.
- Developed login, registration, authorization, authentication and refresh token integration with IDP in main with .net.
- Built CSS/ HTML pages and pixel perfect SEO, GA, and Pixel tracker implementation using custom coding.
- Skills: ruby on rails, express, javascript, php, angularjs, react, typescript, Drupal, cakephp

Logiquad Solution, Pune June 2013 - Dec 2015 *Senior Software Engineer*

- Developed MyGharseva a home utility and cleaning app with Quotation, purchasing of service, checkout page with discount, tax calculation in angularjs and in laravel in backend increasing performance and flexible feature addition with SSR and SPA. Also used the same html/css/angularjs code to build mobile app using phonegap and cordova.
- Build Complete Dynamic CMS for IAVM with Slide Show and Drupal Ecommerce and Event management functionality in record time being a graduate was challenging
- Built a payments subsite with mastercard wallet and bitcoin integration using blockchain apis in Drupal for POC.
- Developed nearby Restaurant and Places finder in IOS app and in process learned Objective C and Deploying of apps in apple store.
- Drupal development for Other applications present in the Organization.
- Skills: PHP, Objective C, Javascript, Drupal, jQuery, HTML, CSS, Laravel, AngularJS

Certificates

ACADEMIC DETAILS
B.E. (I.T.) from Pune Institute of Computer Technology in 2013