Junaid Mohammed Appapule

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LEAD SOFTWARE ENGINEER SUMMARY

- Lead Software Engineer with 8+ years of software development experience managing multiple application development simultaneously
- Led various teams of 2-3 senior software engineers & engineered highly scalable, serverless, cost-effective & highly performant systems in AWS
- Improved performance of a highly used client facing REST API by over ~93% by rebuilding from scratch & slashed infrastructure costs by ~66.7%
- Optimized sync algorithm time complexity from $O(n^2)$ to $O(n)$, which increased performance by ~90%
- Trained entire Business Unit(~40-50 people) on top Infrastructure as Code (IaC) solutions by AWS, i.e., AWS Cloudformation & AWS CodeBuild
- Played DevOps role and engineered automated project code build & deployments using AWS IaC solutions & achieved deployment time of less than 5-7 mins on average for approximately 30 serverless AWS components

EMPLOYMENT & EXPERIENCE

Zenoti   Hyderabad, India
Lead Software Engineer   *July 2021 - Present*

- Led various teams of 2-3 senior software engineers & built highly scalable, serverless infrastructure projects using AWS & python from scratch
- Prepared immaculate High-Level Design (HLD), Low-Level Design (LLD) & developed various products from scratch with Serverless Infrastructure, Scalability, Performance, and Cost Efficiency in focus. Created Postman test suites & integrated them with the CI pipeline
- Played DevOps role by implementing automated code builds & deployments of multiple projects using the Infrastructure as Code (IaC) solution offered by AWS Cloudformation and AWS CodeBuild & achieved deployment time of < ~5-7 mins for ~30 serverless AWS components
- Engineered highly scalable serverless microservices using serverless solutions by AWS, i.e., Lambda, API Gateway, DynamoDB, Batch Job, etc
- Led a series of business unit wide(~40-50) training sessions on Infrastructure as Code(IaC) by AWS, i.e., AWS Cloudformation & AWS CodeBuild

LeadSquared   Hyderabad, India
Senior Software Engineer   *Nov 2018 – July 2021*

- Developed .NET Framework based highly scalable web applications & microservices using ASP.NET MVC, Web API, WCF, MySQL, ADO.NET, Elasticsearch, Redis, Kinesis[for streaming data], Kibana[for debugging], Grafana[for monitoring] on backend & HTML, CSS & JavaScript based frameworks, i.e., jQuery on UI and hosted on AWS Cloud for high-velocity sales applications
- Architected and built cutting-edge systems enormously used by many well-known organizations
- Awarded Star of the Quarter for optimizing highly used client-facing Bulk REST API by over ~93% while lowering infrastructure costs by ~66.7%
- Received Spot award for the relentless pursuit of performance, quick delivery of projects with high-quality code

Deloitte Consulting   Hyderabad, India
Business Technology Analyst   *Feb 2017 – Nov 2018*

- Built web applications based on .NET Framework using C#, ASP.NET MVC, MS SQL Server & WCF for automating the claims submission process
- Designed and built Front-end apps based on Javascript, jQuery, & CSS frameworks like Materialize & Bootstrap to automate submission process
- Received Spot award for timely delivery of projects with high-quality code

Wipro Technologies   Hyderabad, India
Project Engineer   *Oct 2014 – Jan 2017*

- Built .NET distributed systems to sync glucose readings of diabetic patients across devices using C#, MS SQL Server, WCF & Entity Framework
- Simplified code design by removing the majority of static time coding and replacing it with runtime programming using Reflections
- Optimized sync algorithm time complexity for main server logic from $O(n^2)$ to $O(n)$, hence improving performance by ~90%

EDUCATION & CERTIFICATIONS

MJCET, Osmania University   Hyderabad, India
Bachelor of Engineering in Computer Science   *October 2010 - June 2014*

SKILLS

Amazon Web Services (AWS) Cloud, Scalability, Distributed Systems, System Design, microservices, DevOps, Object Oriented Design (OOPS), Serverless Computing, Infrastructure as Code (Iac), AWS Cloudformation, AWS CodeBuild, DotNet (.NET Framework), C# (CSharp), ASP.NET, ASP.NET MVC, Web API, WCF, ADO.NET, Entity Framework, Python, Docker Products, Database Design, MS SQL Server, MySQL, Git, Elasticsearch, ELK, Kibana, Redis, AWS Lambda, DynamoDB, AWS Batch Job, EventBridge, API Gateway, WAF, S3, CloudFront, SNS, HTML, CSS, JavaScript, jQuery, React.js, REST API, SOA, Grafana, Kinesis, Dot Trace for profiling

HONORS & AWARDS

Spot Award & Star of the Quarter Award   2020
LeadSquared

Finalist - Ranked #334/228000+   2018
Finalist in Fiercely competitive & renowned India-wide coding contest, 'Code Gladiators' hosted by Techgig

Spot Award   2018
Deloitte Consulting