

Chintan Thakker

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SUMMARY

Qualifications (8 years of industry experience in Software Engineering)

- Experienced Sr. Software Engineer and Tech Lead with expertise in full-stack development, microservices architecture, and cloud-based technologies
- Developed applications using Golang, Python, JavaScript (React, Node.js), Java (Spring), and C# (ASP.NET Web API)
- Certified Cloud Solutions Architect proficient in AWS, Azure and provisioning resources using Terraform.

EDUCATION

Master's in Computer Science, University at Buffalo, The State University at New York (GPA: 3.56)

Feb 2017

Bachelor's in Electronics and Telecommunication, University of Mumbai (First Class)

May 2013

CERTIFICATION AND LICENSES

AWS Certified Solutions Architect - [Certificate Link](#)

Jan 2024

SKILLS

Languages Python, Golang, Java, JavaScript, Typescript, HTML, CSS(SCSS, styled-components), PHP, C#

Technologies Next.js, React, Node.js, Terraform, Webpack, Redux, Spring MVC, Spring Boot, Spring Security, Kubernetes, Helm charts, Kafka, Docker, ASP.NET Web API, REST, gRPC, Protobuf, Solr, JUnit, Cypress, Mockito, NUnit, Selenium

Cloud AWS (EC2, Lambda, CloudFormation, CloudWatch, KMS, Secret Manger, SQS, S3, SAM CLI, CDK, DynamoDb), Azure (Azure Kubernetes Service, ACR, Azure Devops, Azure portal).

Databases SQL (PostgreSQL, PL/SQL, SQL Server), NoSQL (MongoDb, Cassandra)

Tools Gitlab CI/CD, Git, SVN, Jira, Kibana, Storybook, Prometheus, Grafana, Jenkins, Wireshark, Gulp, Swagger

EXPERIENCE

Lead Software Engineer Consultant | Tekdeploy, Seattle.

April 2023 – April 2024

- Designed and developed a segment processing and distribution service in Golang to build custom audiences for advertisements and leveraging the Liveramp Activation platform to establish connections with 100+ advertisement partners for effective distribution. Technologies used are Golang, React, Azure Cloud, PostgreSQL.
- Leveraged Camunda8's powerful capabilities to design and implement business process models, automating complex workflows and driving operational efficiency. Expertly managed Camunda8 Zeebe client's thread pool configuration and job acquisition strategies, ensuring optimal utilization of asynchronous tasks.
- Implemented Continuous Integration/Continuous Deployment (CI/CD) pipeline to automate the build and deployment processes. Orchestrated the creation and push of Docker images to Azure Container Registry (ACR), and deployed the container on Azure Kubernetes Service (AKS) using Helm charts, ConfigMaps, and Kubernetes secrets.
- Developed an analytical platform on AWS lambda to perform analytics on custom segments, leveraging a WebSocket server built using AWS API Gateway WebSocket Protocol to enhance real-time data processing capabilities. Utilized DynamoDB to store connection information and effectively transmit analytical results to clients via the WebSocket server.
- Provisioned AWS resources such as VPCs, ECR repositories, ECS clusters, and Neptune databases, using Terraform with state files being versioned on S3 and locked using DynamoDb. Demonstrated expertise in cross-account role management for streamlined resource deployment from an AWS management account using Azure Devops pipeline.

Sr Software Engineer / Tech Lead | Wish.com, San Francisco.

May 2013 – April 2023

- Spearheaded the end-to-end design and development of a high-performance Customer Support Application, connecting millions of buyers with CS agents through a streamlined ticket routing and processing system. Implemented a Microservice architecture using Next.js, React, Typescript, Golang, GraphQL, gRPC and MongoDB, containerized with Docker, and deployed on Kubernetes clusters on AWS using helm. Also Developed a state-based chatbot capable of order management and creating tickets, resulting in improved customer satisfaction and greater operational efficiency.
- Led the team towards migration to React with SSR capabilities by developing the web service platform through Next.js
- Developed features like Issue Type based Routing, CS Vendor Transition, Return Policy Revamp, Transaction Search, Template Service, Customer-Merchant Communication, User Management on Wish's Monolithic Python Application
- Lead Sprint Planning, prioritizing tasks based on requirements and planned integration of interrelated projects.
- Developed Critical tools for admin, Fraud and risk Analysts to fight chargebacks, Account Takeover attacks.
- Single-handedly scaled the team from myself to a team of 8 engineers by conducting 100+ interviews and successfully onboarding them. Defined new coding, error handling and logging standards for the team.
- Technologies – Go, Java, Javascript, Python, React, Next.js, Jest, GraphQL, MongoDB, kubernetes, Docker, AWS.

Software Engineer | Williams Sonoma, San Francisco (Contract).

Sep 2017 – May 2019

- Developed a RESTful web service that implements OAuth 2.0 authorization framework and acts as the authentication and authorization service for the WSI's eCommerce websites to access customer information
- Upgraded WSI's micro services hosting protected resources to support OAuth2.0 security
- Created an environment with multiple mocked services, simulating a number of WSI's enterprise and external systems.
- Developed a Java library for retrieving data that is available to tests and simulators as a source of stable, reliable data
- Improved WSI's Java proprietary framework that relies on Selenium WebDriver to facilitate browser automation tests
- Performed Unit and Integration Testing using Junit and Mockito. Appreciated for mentoring two new joiners
- Technologies – Java, Spring Boot, Spring Security, Spring MVC, Jersey, SVN, Git, Jenkins, REST

Software Engineer Intern | Switchfly, San Francisco

May 2017 – Aug 2017

- Reduced booking failures by 25% by debugging bugs while working with Site Reliability Team
- Reduced revenue loss by improving cancellation algorithm and optimized data availability through a report page
- Technologies - Java, PostgreSQL, HTML, CSS, ColdFusion, FreeMarker, JUnit

Software Engineer | Microsoft, India

Sept 2013 – June 2015

- Developed RESTful customer service application for Microsoft retail store platform on .NET Framework using ASP.NET Web API, Entity Framework. Increased unit testing code coverage from 30% to 93% using NUnit and Moq
- Resolved critical build fails on build servers by debugging Microsoft's build automation system
- Technologies - C#, .NET, Visual Studio, Microsoft Build Tracker, Team Foundation Server and Source Depot