Nitesh Bhargava

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Work Experience

Software Development Engineer - IV, Adobe
Jul 2021 - Present

- Built and scaled CPGenAI, an AI-driven microservice that generates multimodal content (text, images, videos) for Adobe Captivate.

- Migrating Adobe Captivate, a desktop-only product, to the cloud, focusing on infrastructure, system design, and automation using Argo CI/CD deployment.

- Implemented the "Share for Review" feature in Adobe Captivate using Node.js and DCX-js, enhancing collaborative capabilities and feedback processes for users.

- Owner of the publishing module of AEM Guides plugin for Adobe Experience Manager, the plugin provides end-to-end enterprise class CCMS for DITA-Based content creation and delivery.

- Handle end-to-end output generation flow using OSGI framework which provides single-click publishing capability for DITA content to a mobile responsive web format.

Software Development Engineer -II, Ninjacart
Jan 2020 - June 2021

- Introduced QR code Sack GRN in the system, which helps in tracking of inventory, and its lifecycle in the system.

- Built new microservice for Reporting of bad Quality items across various operations to enhance 'FOOD-PRINT'

- Automating slot assignment to Executive using event handlers to reduce latency with features like mobile notification, cool-off time, fair allocation.

Software Development Engineer, Bankbazaar
Nov 2017 - Dec 2019

- Enabled Automated calls with ClearTouch (3rd-party software) integration using cron(job) as a channel of lead filtration through IVR (Groovy).

- Worked on full stack development of multiple projects to improve the application Flow, reducing the call time needed to close out a customer and improving accessibility, introduced automation in the process of cancellation of applications and tagging using React JS and Java.

- Enabled framework to auto fetch RMIS files from pre-configured SFTP Location. Took ownership and Enhanced debuggability and efficiency of Service using Mockito, Junit and Sonar.

Member of Technical Staff, VMware
August 2014 - September 2015

- Developed vcBench to generate background load for the vCenter Server to stress the performance and scalability of the system.

- Developed Hawkeye, the first end-to-end performance suite appliance for vCenter Server (VC), which will allow engineers and users to easily benchmark, visualize and analyze the performance of their existing and future VC deployments.

Contract Developer - Google. Inc.
May 2013 - August 2013 (4 months)

- **Google Summer of Code:** GraphStore benchmark and Tuning, Gephi

- **Mentor:** Mathieu Bastian (Founder, Gephi) link: github.com/gephi/graphstore/pull/1

- Google funded **open source** project to optimize and tune GraphStore (Gephi) based on a series of new well defined benchmarks to test how quick operations are and detect possible bottlenecks.

Education

Indian Institute of Technology, Madras
(2012-2014)

M.Tech. in Computer Science and Engineering

Dhirubhai Ambani Institute of Information and Communication Technology, Gandhinagar
(2008-2012)

B.Tech. in Information and Communication Technology

Fields of Interest and expertise

Java, Generative AI, LLM-Ops, Argo CI/CD, Spring Boot, Apache Sling, Node, Elasticsearch, AWS, Prometheus