

VIGNESH GUPTA

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SUMMARY

Full-Stack Developer with 3+ years of experience with specialization in Frontend Development, developing web applications using React, Next.js, Spring Boot, and AWS. Optimized application performance, improving load times by 20%, and streamlined CI/CD pipelines, reducing deployment failures by 30%. Enhanced system monitoring to minimize downtime and improve issue resolution. AWS Certified, with a focus on building reliable and scalable solutions that enhance user experience and business operations.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Java, Python, SQL, HTML, CSS

Front-end : React.js, Next.js, Tailwind CSS, ShadcnUI, Ant-Design, MUI

Back-end: Node JS , Express JS , Spring Boot, AWS, Openshift, Hono , Convex

Databases: PostgreSQL , MongoDB , MySQL

Developer Tools: Kafka, Git , Postman , Figma, Docker , GitHub Actions (CI/CD) , Sanity CMS, Payload CMS

EXPERIENCE

SOFTWARE ENGINEER — HCLTech

Nov 2021 – Present

- Optimized the App flow for product listings, carts & checkout, **reducing abandoned carts by 20%** through streamlined user flow & improved data validation
- Enhanced monitoring systems by implementing advanced tracing techniques and real-time monitors within the Datadog platform, resulting in a 25% increase in system performance visibility across all departments
- Spearheaded the migration of CI/CD processes from Jenkins to GitHub Actions, successfully developing reusable actions utilized by over 100 team members, leading to a deployment speed improvement of 40%.

SOFTWARE ENGINEERING INTERN — HCLTech

May 2021 – Nov 2021

- Identified discrepancies in two out of three test cases, leading to the implementation of a new testing protocol.
- Automated the process of comparing data from 5 different sources and created single file for easy accessibility
- Communicated difficult technical concepts to nontechnical staff, reducing the number of support calls by 25%

PROJECTS

Projectify | *Next, React, Typescript, Convex, Clerk, Zustand, Tailwind, Shadcn UI, Express, Kafka*

- Site: projectify.vigneshgupta.me — Repository: [projectify](https://github.com/vigneshgupta/projectify)
- Built a high-performance project management web app using Next.js, , enabling small teams to manage multiple projects, resources, and feedback efficiently improving efficiency by 15%
- Engineered a real-time backend system utilizing Convex, facilitating immediate project updates and change log tracking to improve cross-team collaboration efficiency by 40% and reduce errors
- Implemented an event-driven cleanup system with Kafka and Express, reducing user wait time for resource deletion by 50% and improving User experience through seamless background processing

CLIKZ (MVP) | *NextJS, ReactJS, Typescript, Auth.js, Prisma, Postgress (NeonDB), Tanstack Query, Hono, Typescript*

- Site: klikz.live — Repository: [klikz](https://github.com/vigneshgupta/klikz)
- Optimized link redirection speeds by 40% using Upstash Redis for caching, ensuring near-instantaneous access to frequently visited URLs.
- Leveraged TinyBird to build real-time link analytics dashboards, enabling marketers to identify trending content and boost click-through rates by 15% within the first month of launch
- Designed and implemented a RESTful API, enabling users to programmatically create, manage, and analyze links, supporting seamless third-party integrations and automating over 10K operations per month

EDUCATION

Bachelor of Computer Application — Amity University

Jan 2022 - Feb 2025

CERTIFICATION & AWARDS

AWS Cloud Practitioner — Amazon Web Services

Outstanding Performance — HCLTech (Recolonization by Client)