

VIGNESH GUPTA

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SUMMARY

Full-Stack Developer with **4+ years of experience**, specializing in **MERN Stack**. Skilled in building and scaling web applications using **React, Next.js, Node.js, and AWS**, with a strong focus on **performance optimization, automation, and user-centric solutions**. Expert in **enhancing system performance, reducing load times by 20%, and streamlining CI/CD pipelines**. Experienced in **building real-time systems, APIs, and AI-powered features** that drives efficiency and scalability. .

TECHNICAL SKILLS

Languages: JavaScript (ES6) , TypeScript, Java, Python, HTML, CSS

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

Back-end: Node.js, Express.js, Spring Boot, Hono, Convex

Cloud: AWS (EC2, S3, CloudFront, ELB), Openshift, Google Cloud (GCP), Docker, Kubernetes

Databases: PostgreSQL, MongoDB, MySQL, Redis

Testing: Cypress, Playwright, Mocha, JUnit

Tools & Platforms : GraphQL, Figma, NPM, Storybook, GitHub Actions (CI/CD), Docker, Datadog

Developer Tools: Kafka, Git, Postman, Sanity CMS, Payload CMS

EXPERIENCE

FULL STACK ENGINEER — HCLTech

Nov 2021 – Present

- **Engineered reusable React.js components with Tailwind CSS**, accelerating **frontend development by 25%** and enhancing UI consistency & accessibility
- **Devised system monitoring with Datadog integrations**, enhancing real-time error detection by **25%**, improving system reliability
- **Spearheaded CI/CD pipeline migration from Jenkins to GitHub Actions**, achieving **40% faster deployments** and reducing failures by **30%**.
- **Designed RESTful APIs with Kafka and Express.js**, boosting backend throughput by **30%** and optimizing request handling

SOFTWARE ENGINEERING INTERN — HCLTech

May 2021 – Nov 2021

- **Developed data validation scripts across 5 data sources**, reducing manual verification by **30%** and boosting data accuracy
- **Collaborated with cross-functional teams** to streamline external API integrations, enhancing platform interoperability
- **Refined repetitive testing tasks**, increasing test efficiency by **25%** and minimizing human error
- **Assisted QA teams in optimizing testing protocols**, reducing defect rates and enhancing deployment reliability

PROJECTS

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

- **Engineered real-time backend workflows with Convex**, reducing project sync delays by **40%** through instant updates
- **Streamlined event-driven cleanup with Kafka**, cutting resource deletion wait times by **50%**.
- **Optimized task status updates, boosting team productivity by 15%** with asynchronous triggers

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

- **Developed Redis-based link redirection**, improving response times by **40%** and enhancing user experience.
- **Integrated real-time analytics with TinyBird**, offering instant insights and boosting click-through rates by **15%**.
- **Automated 10K+ monthly operations** through RESTful APIs, streamlining marketing workflows

EDUCATION

Bachelor of Computer Application — Amity University

CERTIFICATION & AWARDS

AWS Cloud Practitioner — Amazon Web Services

Outstanding Performance — HCLTech (Recolonization by Client)