

Chirag Kalsariya

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Chicago, IL, USA.

Academic Qualification

DePaul University

Master's In Computer Science

Chicago, IL

Currently pursuing

Government Engineering College

Bachelor of Engineering in Computer Engineering

Rajkot, India

2019-2023

Technical Skills

- **Programming:** Javascript, Typescript, Python, Dart, Java, Scala, PHP
- **Web:** HTML, CSS, SCSS, Bootstrap, Tailwind
- **Frontend-Framework:** Angular, AngularJS, React, NextJS, React Native, Expo, Flutter
- **Backend-Framework:** NodeJS, Fastapi, Flask, Django, NestJS, ExpressJS, ,
- **Database:** SQL, MongoDB, Firebase, Redis
- **CMS:** WordPress, Shopify, Webflow
- **Tools:** Git, GitHub, Gitlab, Maven, SBT, Gradle, Xcode, Android studio, Google Analytics, Google Search Console, Google AdSense
- **Cloud:** AWS (EC2, S3, RDS, DynamoDB, Cloudwatch, CodeBuild, Amplify, Lambda, API Gateway, EKS), Google Cloud (OAuth, Map), DigitalOcean (Droplets), Nginx, Cloudflare, Vercel, Railway, Render
- **AI:** Retrieval-Augmented Generation (RAG)

Experience

Full Stack Developer | Mayin Technology

January 2023 - December 2023

- **Position:** Junior Software Engineer (4 month), Software Engineer (8 month)
- **Tech:** Angular, NodeJS, MongoDB, SQL, Redis, DynamoDB, EKS, React, Flutter
- Design and Developed a LUDO game using Angular, CRUD operations
- Add 4 type of data caching in nodejs backend, used microservice architecture hosted on EKS, socket for server communication
- Design a database for different type of game data, in sql and nosql both
- Optimized react code using destructuring, Created webview based flutter app

Freelancing Projects

App and Website development - Jeevandip

By reference

- **Project Title:** Create online store for sell medicine in India
- **Problems:** Prescription based checkout, Pin code based delivery charges, Low maintenance code, Performance, SEO, AdSense
- **Tech:** Wordpress, Flutter
- Client needs a website which has low cost of maintenance and has good SEO capability. So, I used wordpress, woocommerce and razorpays as a payment gateway. Wordpress is best for SEO because it use PHP which use server side rendering.
- For performance I used webp image converter, Server level caching, and Cloudflare caching
- For Android and IOS app development I used flutter webview based app

App and Website development - Heatfleet

By upwork

- **Project Title:** Find best deals on Heating oil, all over USA
- **Problems:** Old codebase, Page speed performance, SEO, Scalable, One codebase for all platform, Custom vendors app CI/CD, Consistent design, Analytics
- **Tech:** Angular, Ionic, Capacitor
- I rearranged and refactored all angular component which was written by previous developer. Replaced Ionic with capacitor. which made page speed score from 20-40 to 70-90.
- Additionally, I transfer all code from different polyrepo to one NX monorepo. Created own component based design system, which helped us to make different modules with design consistency, maintainable and scalable code.
- I created CI/CD pipelines which take JSON file of company and produce custom vendor website, android and IOS app. The JSON file contains information about company name, logo, color palette, and some static content.

Blog and subscription-based website - Dr.stockss

By reference

- **Project Title:** Blog site for stock investment
- **Problems:** SEO, Rich text editor, Easy to edit site content for non-tech person
- **Tech:** Wordpress
- I made blog site for client using wordpress during my bachelors degree

App development - Georgian wine store And Smart door locks

By fiverr

- **Project Title:** Create a web view based android and ios app
- **Problems:** Publish app to app store, and play store, firebase notification
- **Tech:** Flutter
- Converted website into android and ios app, and publish it.

E-commerce website development - German goods online

By fiverr

- **Project Title:** Simple eCommerce website with android and ios app
- **Problems:** Modern design, Paypal payment
- **Tech:** Wordpress, Flutter
- I made eCommerce site with Paypal payment gateway during my bachelors degree, My first client.

Other Experience

Part of website development team of collage - GEC Rajkot

By Collage Professor

- **Role:** Site maintainer
- **Contributions:** Made site more secure, Integrated cloudflare, Added minify JS, and css, Image optimisation, Client and server level caching
- **Outcome:** 50% reduction in website loading speed

Other

- **Hobbies:** Esport, Traveling, Cooking, Garba
- **Languages:** English - Fluent, Gujarati - Native or Bilingual, Hindi - Native or Bilingual