

Amar Khamkar

amarkhamkar6@gmail.com | +91 9xxxxxxx | LinkedIn

SKILLS

LANGUAGES

• Javascript • Python • C# • Go • Dart • Ruby

FRONTEND DEVELOPMENT

• ReactJs • Typescript • bootstrap • jQuery • flutter • material UI

BACKEND DEVELOPMENT

• Django • Golang • Django-Rest • flask • express.js • MongoDB • Postgres • Firebase • Selenium

DEVOPS

• Jenkins • Akamai • Cloudflare • Kafka • Kibana • GCP • Kubernetes • AWS • DigitalOcean • Heroku • Railway

GAME/AR DEVELOPMENT

• Unity • Blender • ARFoundation

EDUCATION

MUMBAI UNIVERSITY

BE IN COMPUTER ENGG.

jul - 2019 - jul 2023

Ramrao adik institute of technology

CGPA: 9.60 / 10.0

LINKS

GitHub: Amark19

Portfolio: amarkhamkar.com

Blog: blog.calcont.in

HackerRank: amarkhamkar6

Leetcode: kAmar-02

CodeChef: amarkhamkar_22

ACHIEVEMENTS

- Runner-up at the Smart India Hackathon 2022
- Winner of Google Devfest in October 2021
- 270+ problems solved on Leetcode & Geeks For Geeks

CERTIFICATIONS

- Udemy, react.js from basics to advanced
- sololearn, Programming in c
- Udemy, deep learning foundation course
- Udemy, machine learning from basics to advanced

EXPERIENCE

MEDIA.NET | WEB APPLICATION DEVELOPER

jul 2023 – current | Mumbai

HB Static Failover [PHP, Akamai]:

- Developed and maintained static failover to handle infrastructure failures using Akamai rules, reducing 5xx errors to 0% on publisher pages.

Client-Side JavaScript Serving [Typescript, express]:

- Integrated the Protected Audience API (an alternative to third-party cookies) with other bidders, creating an additional revenue stream for the team.
- Designed a service for adslot performance, measuring total view time & total count, sent to our House Bidder, increased winning rate by 5-10%.
- Fixed ad code wrapping logic, resolving 5-10% of ad rendering failures and 20-30% of logging discrepancies on Yahoo and other customers.

Supply Side Platform (JS Stitching Service) [Golang, Kafka]:

- Added logging of JavaScript and internal config size in Kafka. This helped developers reduce debugging of failover rate by 50%.
- Optimized pod memory usage by creating an HTTP client only once and serving the same instance for all subsequent requests.

Managed Prebid Solution [Typescript, express]:

- Engineered a custom Targeting Flow using the Decorator Pattern, ensuring consistent targeting to Google Ad Manager.
- Developed a cron job running every 30 minutes to derive internal agency and DSP IDs via $O(1)$ lookups from internal DB mappings, achieving a 2-3% match rate and logging results.

Cookie Syncing Service [PHP]:

- Enabled seamless cookie syncing through a new redirection service with Prebid Server, resulting in an increase in the cookie match rate 10-20%.

HACKERRANK | SOFTWARE ENGINEERING INTERN

jul 2022 – dec 2022 | Remote

Integrated TravisCI and wrote API unit tests, simplifying dev-testing in

HackerResume repo. Fixed bugs and revamped HackerResume UI, significantly increasing user engagement. Guided developers in Selenium scraping, aiding the development of the HackerRank Job-Board.

PROJECTS

CALCONT | LINK | SOURCE-CODE

Django, Javascript, JQuery, Bootstrap, Heroku

It is a popular online toolkit with over 25,000 monthly users, offering 40+ tools and a whiteboard app. Optimized its SEO ranking where most of the tools ranks 1st on Google for relevant popular search keywords.

SAFEWRITE APP | LINK

Flutter, Dart, Firebase, Canva

SafeWrite is an advanced note-taking app with 100+ downloads designed to keep your thoughts and ideas safe and secure. With SafeWrite, you can create, save, update & add authentication to notes with ease with High availability.

LINKBOOK | LINK | SOURCE-CODE | DEMO LINK

Django, Django-channels, WebSockets, Javascript, Redis, AWS S3

An social media platform where you can engage with your followers such as like/comment on posts, search & view their profile and take control of your profile. It also offers real-time communication and utilizes top-notch tech.