SAMIR AGHAV

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Summary

- I am a Full Stack Developer with 2.3 years of experience in building robust backend services and responsive front-end interfaces for high-scale web platforms with over 100M+ monthly active users. My expertise includes working with various web technologies such as Go, PHP, Vanilla JS, and ReactJS. I am passionate about developing user-centric features that enhance engagement and overall user experience.

- In my role at Sportskeeda, I developed scalable backend services using Go and PHP, and worked with databases such as MongoDB and MySQL, ensuring smooth data handling for millions of users across the platform.

Education

JSPM's Rajarshi Shahu College of Engineering, Pune   **Aug. 2019 – May 2023**
Bachelor of Technology in Computer Science   *Pune, Maharashtra*

Arts Science and Commerce College, Rahuri   **June. 2018 – April 2019**
HSC   *Rahuri, Maharashtra*

Sant Tukaram Vidayalaya, Baragaon Nandur   **June. 2016 – Apr 2017**
SSC   *Rahuri, Maharashtra*

Experience

Sportskeeda   **May 2023 – Present**
Software Development Engineer 1   *Remote*
- Designed and implemented engagement-driven features (win probability metrics, targeted popups) using Go, PHP, MongoDB, and Smarty (HTML/CSS/JS), boosting user interaction on the cricket match center page and newsletter conversions on article pages.
- Developed scalable backend and front end modules for Soapcentral (6–7M MAUs), including Recaps, Spoilers, and tag-driven content panels.
- Led the revamp of the comments and notification systems in Soapcentral to enhance user engagement and real-time feedback.
- Redesigned access control logic by replacing legacy controls with a scalable, role-based permission system. Improved user-specific access, streamlined off-boarding, and introduced comprehensive logging to enable better tracking, audit-ability, and rights management.
- Used Golang to create a job that stores highly visited articles in Redis and displays them on the frontend, driving clicks and increasing views on the respective pages.
- Built features for admin tools to manage tags, teams, and FAQs using PHP, JavaScript, and Smarty templates.

Shreeshantha It Solutions Private Limited   **Jan 2023 – Apr 2023**
Software Engineer Intern   *Remote*
- Developed and maintained responsive websites for Raak Sapphire and Techer Solutions using Bootstrap and WordPress, ensuring cross-device compatibility and modern UI/UX.
- Led content updates and implemented UI enhancements to improve user experience and align with client branding.
- Contributed to the development of Onlinemenu, working on specific modules using Angular for the front end and MySQL for backend data handling.

Projects

Code Ding | *ReactJS, CodeMirror, Judge0 API, REST*
- Built a multi-language online compiler supporting C++, Java, JavaScript, Python with real-time execution.
- Implemented multi-theme editor support and enhanced user experience with dynamic syntax highlighting.
- Enabled code execution directly in-browser with secure API integration.
- Integrated a real-time error feedback system to help users identify and resolve issues instantly, improving the overall coding experience.
- Live Demo

Anime website: | *ReactJS, Jikan API, HTML/CSS*

- Developed a responsive anime discovery platform allowing users to search/filter by title, genre, rating, and more using Jikan API and ReactJS.
- Designed advanced search and filter UI with dynamic rendering of anime data.
- Focused on user-centric design and performance optimization.
- Live Demo

Giphy Explorer | *ReactJS, Giphy API, Bootstrap*
- Created an interactive GIF search engine using ReactJS and Giphy API, allowing users to explore trending, random, and suggested GIFs.
- Added features like trending GIFs, random GIFs, and search suggestions, along with the ability to like and save GIFs for a more engaging user experience.
- Live Demo

Technical Skills

Languages: Go, PHP, JavaScript, C++, SQL, HTML/CSS
Full Stack: HTML, CSS, Smarty, WordPress, Bootstrap, SASS, ReactJS, Golang, PHP
Databases: MySQL, MongoDB, ElasticSearch, Redis
Tools, Version Control: MySQL Workbench, pgAdmin, DBeaver, MongoDB Compass, VS Code, Git, Github
DevOps/Tools: AWS, Cloufront, Cloudflare, Jenkins, NGINX, AWS, GitHub, Rollbar, Datadog, Spike

Certificates & Trainings

Meta Front-End Developer Professional Certificate - Coursera   Live

Web Development Masterclass YouAccel - Udemy   Live

Zensar ESD training provided by Zensar Technology

Publications

An Enhanced English to Marathi Translator using Sequence-to-Sequence Transformer   IEEE Xplore

- Proposed a novel sequence-to-sequence transformer architecture for English to Marathi machine translation.
- Trained on a large parallel corpus and achieved a BLEU score of 41.99, demonstrating high accuracy and fluency.
- Addresses challenges of low-resource language translation using attention mechanisms and deep learning techniques.

Leadership

Intern Mentor

- **Mentored an intern**, assisting her with the setup of the staging environment and providing guidance on technical challenges.
- Conducted **regular 1:1 sessions** to offer feedback, answer questions, and help her grow in her role, fostering a collaborative learning environment.

Languages & Soft Skills

- Languages: English, Hindi, Marathi
- Skills: Effective communicator, team player, fast learner, adaptable to dynamic environments, good debugger, quick to adapt to new coding languages