Somraj Saha

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GitHub: github.com/Jarmos-san
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Technical Skills

Languages: Python, TypeScript/JavaScript, Lua, Git, HTML5, CSS3
Frameworks & Libraries: React.js, Next.js, FastAPI, Chakra-UI, TailwindCSS, Scikit-Learn, Pandas, Numpy
Other Skills & Tools: GraphQL, Microsoft Azure, Docker, Machine Learning

Work Experience

Machine Learning Engineer   **Freelance**   **2020 - Present**
- Built scalable software systems for startups & small-scale business-owners to secure seed funding & their first few ~100 customers. Ensured the code as proper technical documentations & followed best practices.
- Recommended innovative solutions for the clients which helped them build a business around a product leading to fundamental changes within the industry & the market.

Technical Writer   **Deepen.ai**   **2021 - 2022**
- Worked with the marketing team to devise a content marketing strategy with the right set of technical topics like Computer Vision (CV) & Machine Learning (ML) to publish articles on.
- Published technical content on CV technologies & Autonomous Vehicles (AVs) on the company's engineering blog. My involvement with the marketing team led to a 25% increase in choosing & using the right keywords for the technical content's vocabulary. See example of one such published content.
- Involved myself to ensure all past & future blog posts in the production pipeline were using enough SEO-friendly keywords & with the correct technicality. This resulted in a 3x increased organic traffic.

Software Support Engineer   **MoveInSync**   **2019 - 2020**
- Triaged & analysed 5-10 tickets a day on average before communicating the severity to the Software Engineering (SWE) teams daily. This helped SWE teams deploy important bug fixes 5x faster.
- Collaborated with multidisciplinary teams across the company to keep vigilance on the user-experience of the products for any unintended behaviour. And based on their inputs, I fixed any unintended behaviour on the client-side interface within a 24 hours time-frame.
- Communicated with the Customer Support & the SWE teams resulting in a 90% improvement in managing & describing both the company's product to its customers & product feedback to the SWE teams.

Core Maintainer   **LearnAwesome.org**   **2018 - 2019**
- Collaborated in curating relevant & quality resources like MOOCs, online articles, YouTube tutorials, conference talks for topics on Data Science, Statistics, Programming in Python/R & Machine Learning.
- Involved myself in the decision-making process to decide the core idea behind the project & its user base.
- Recommended a Git & GitHub-based workflow for easier collaboration among the community members before a web-based approach was developed using the Rails framework. See the source code on GitHub.
- Was termed the highest Individual Contributor to the project during the initial phases of its development.

Projects

Jefer | *Python, Typer*   **2022 - Present**
- Developed a Command-Line Interface (CLI) tool to manage, backup & version-control the configuration files of the various development tools I use on a day-to-day basis. The source code of the project is made open-source on GitHub.
- Designed the project with minimalism & ease-of-usage in mind since the existing alternatives are bloated and/or does not serve the specific requirements of my personal workflow.

jarmos.vercel.app | *Next.js, Chakra-UI, Hygraph (formerly GraphCMS)*   **2020 - Present**
- Recreated my personal website from scratch using Next.js to make the most out of the latest React.js ecosystem like Server-Side Render (SSR) and/or the more hybrid-approach Next.js provides.
- Released the source code of the website on GitHub to collaborate with other interested contributors in the Free & Open-Source Software (FOSS) community. See the work-in-progress source code on GitHub.
- Implemented a GraphQL-based backend using the Hygraph Content Management System (CMS). Combined all the aforementioned tools in a way so as to make the project be very performant on all aspects.

Education

University of Hyderabad   **Hyderabad, India**
Integrated Master of Arts (MA) in Economics   2013 - 2019