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Shashwat Gupta

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Fullstack Web (MERN/GoLang) | Devtooling | Developing since last 4 years

SKILLS

Expert Tech: JavaScript/TypeScript, React, HTML, CSS, Git, Next.js, TurboRepo

Functional Tech : Node, C++, GoLang, Express

Familiar Tech : Java, Rust AWS, WebPack, MongoDB, AstraDB, Python, PHP, C, SQL, Cypress, WordPress, SCSS, FireBase, Web3, Docker, WebPack, Kubernetes

Tools and Processes : Agile, Scrum, Jira, Confluence, GitHub, Asana, Trello, Calendars, Linear

Other: Tailwind, Formik, SSR, SSG, Axios, MUI, spf13/cobra, spf13/viper, pterm, Inquirer.js, Sentry.io

WORK EXPERIENCE

PROPRO PRODUCTIONS | FOUNDED FULLSTACK DEVELOPER Germany (remote) | Jul 2023 - June 2024

- **Lead a team of 6** to develop multiple products Architect features, assigned tasks and reviewed progress and code.
- **MapMap** - white boarding solution
 - Develop an **Figma** like **infinite canvas**. Used **matrix manipulations** to track the position of the canvas and **CSS transformations** to show the movement to the user.
 - Develop **Drag and drop** feature with **multiple modifier keys**, **undo-redo** which was **synced to the back-end** and **multiple hotkey support**.
 - Implement a **offline and online mode** with support for **multiple devices (syncing and conflict resolution)** both **frontend and backend**.
- **HubHub** - social media aggregator
 - Optimize web scraping using **Selenium** and **GoColly** which **increased speed mb 20%** and **reduced space by 10%**.
 - Implement the **UI** and **functionalities using APIs**.
 - Implement **feature flagging**.
- **ShortStop** - extension to limit shorts interaction
 - Provided **higher level guidance** by **planning features and implementation** with the developer.
 - **Code review** and **provide knowledge** to the developer when he got stuck.

INTELLIGENTDX | SDE

Pune | Jan 2023 - June 2023

- Developed a command line tool which **automated the backend setup** and **reduced setup time by 98%**.

- Part of the **initial team**, responsible for **transferring of the project** from an outside vendor to the **internal team** (the project had no documentation). While **working on tickets**, going through the whole **app**, **documenting** all the modules, HOCs, and Components of the app so **future devs** can easily run and work on the app.
- Co-Developed a **Google calendar** like module.
- Developed a websites with glitches as a **test for hiring test engineers** which **filtered out 70%** of the profiles.

VIEW MY FREELANCE PROJECTS, INTERNSHIPS AND VOLUNTEER WORK [↗](#)

PROJECTS

OPTIMIZED SEARCH FEATURE [↗](#) TYPESCRIPT, REACT, NODE, EXPRESS, MONGODB, CYPRESS

- Use **debounce**, **caching**, **caching timer**, **pending requests cancellation** and setting **minimum search string length** in frontend to reduce the number of requests sent to the server.

DEPENDENCY UPDATER (WOOF) [↗](#) NODE, GIT, CREATE NODE CLI, INQUIRER, MEOW, CHALK

- **CLI tool** to **automatically send pull requests** to updated dependencies in multiple repositories from a **CSV file**. Clones only the **.git folder** and **package.json** for updating which reduced the network overhead by 99%.

COMMON ENTRY TEST [↗](#) REACT, AXIOS, MUI, MOMENT, REACT-WEBCAM

- A **recruitment portal** for clubs and chapters where they can form quizzes and get features like **key logging**, **cheating detection** and **video recording**.

VIEW MORE PROJECT ON MY GITHUB [↗](#)

ACCEPTED OPEN SOURCE

MDN JAVASCRIPT [↗](#) DOCUMENTATION

- I had difficulty while reading this part in the JavaScript documentation thus I **added explanation** on how a **regex** in the JavaScript documentation works. This **made it much clearer** for future readers.

CERTIFICATES

TRIPLEBYTE ENGINEERING CERTIFICATE [↗](#) NOV 2022

AWS CERTIFIED CLOUD PRACTITIONER [↗](#) AUG 2021

ULTIMATE GO [↗](#) SEP 2023

INTENSIVE DOCKER: 2.0 [↗](#) JUL 2023

ALL OTHER LICENCES AND CERTIFICATES [↗](#) JUL 2019