MUHAMMAD HARRIS MALIK

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Skills

- JavaScript | TypeScript | React | Redux | Redux-Saga | Next.js | Fabric.js | jQuery | Git
- Node | PHP | C++ | Go | Express | CodeIgniter | Laravel | Knex | Mongoose | SQL (MySQL, PostgreSQL) | NoSQL (MongoDB, Firebase)
- Cloud Storage (Google, AWS S3) | Canvas Libraries | Graphics Rendering | Image Manipulation | OOP
- Microservices | RESTful APIs | MVC | Frontend | Backend | Full-Stack | Problem Solving and Algorithm Design
- **Languages**: English, Urdu – *All professional proficiency or above*

Experience

Software Engineer **Asfar Group** *Dubai, UAE* **06/2023 - Present**

- Development of **ERP** systems tailored specifically for the **travel and tourism industry**, contributing to the enhancement of operational workflows, customer service, and overall efficiency.
- Currently involved in a crucial project leading the design and implementation of a robust **Car Rental API**, aimed at elevating user experience standards.
- Working collaboratively across departments to gather requirements, design architectures, and deliver **customized solutions** meeting industry standards and client needs.

Software Engineer **Uforia Infotech** *Islamabad, Pakistan* **03/2021 - 05/2023**

- Developed multiple complex canvas features and **APIs** for an award-winning application that was featured on Product Hunt, a leading platform for innovative products, and won the **Gold** prize at the prestigious **P@SHA ICT Award 2022**.
- Architected and implemented scalable backend systems for canvas-related applications, leveraging **Laravel, CodeIgniter, PHP, Node.js, and Express** to seamlessly integrate interactive canvas features and optimize performance.
- Utilized cloud storage solutions such as **Google Cloud** and **AWS S3** for storing and retrieving images and other media files, reducing server load and improving scalability.
- Utilized **Fabric.js** to create image manipulation and interactive features with canvas libraries and graphics rendering techniques, adding value and innovation to the web applications.
- Displayed competence in **React** and its ecosystem by building API-driven web applications with **Redux-Saga** and complex JavaScript solutions, ensuring optimal performance and user experience.
- Showcased **problem solving** and **algorithm design** skills by optimizing performance and resolving bugs, ensuring smooth and reliable functionality of the web applications.
- **Latest Project**: *Glorify* is a user-friendly design tool tailored specifically for eCommerce business owners and entrepreneurs, empowering them to effortlessly craft captivating, product-centered visuals that enhance their brand presence.

Software Engineer **AtOptimize** *Islamabad, Pakistan* **10/2020 - 01/2021**

- Designed and managed web applications utilizing **PHP**, **Laravel**, **JavaScript**, **jQuery**, and **MySQL**, leading to enhanced operational efficiency and improved user satisfaction.
- Leveraged **PHP** and **Laravel** framework to build dynamic and interactive web pages, enhancing the overall user experience.
- Implemented secure and optimized **MySQL** database queries, ensuring fast and reliable data retrieval and storage.

Software Engineer, Intern **Zaf Technologies** *Islamabad, Pakistan* **08/2020 - 10/2020**

- Collaborated closely with the development team to design and develop a comprehensive in-house **supply chain** management system, leveraging **Laravel** framework and **PHP** to streamline operations and optimize efficiency.
- Implemented robust backend functionalities using Laravel, including database management, **data modeling**, and **API integrations**, resulting in a more efficient and streamlined supply chain process.
- Developed and maintained front-end interfaces utilizing **HTML**, **CSS**, **JavaScript**, and **jQuery**, ensuring a user-friendly and intuitive experience for employees across different departments.

Education

Bachelor of Computer Science **Bahria University** *Islamabad, Pakistan* **2015 -2019**

- **FYP:** Implemented a decentralized assets exchange platform for the tourism industry using Hyperledger Fabric

Certification

- **Elements of AI: University of Helsinki**: Equipped with a solid foundation in AI and practical knowledge to leverage transformative innovation using AI technologies **(01/2020)**
- **IBM Blockchain Foundation Developer**: showcasing proficiency in understanding the concepts of blockchain solutions using IBM technologies **(03/2021)**