ABHINAY KHALATKAR

SOFTWARE DEVELOPER

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SKILLS

CLIENT-SIDE LANGUAGES ,FRAMEWORK	React, Vue.js, JavaScript
SERVER-SIDE LANGUAGES	node.js, php, Python, TypeScript
DATABASE	Mongo Db, firebase real-time Db, MySQL
OTHERS	Docker, RESTful API, Sass, HTML/HTML5, Bootstrap, CSS, PIMCORE, CMS, Express.js, npm or yarn package management, Webpack, Postman, GitHub/GitLab, Mobile-first design, AJAX, Responsive design, Test-driven development (TDD), Jest

EDUCATION

Oct. 2021 to Sept. 2023	SRH Hochschule Heidelberg Master in Applied Computer Science (1.8)
Aug. 2018 to Aug. 2021	Nagpur University Bachelor of Computer Application (1.6)

EMPLOYMENT

Mar. 2022 to Sept. 2023

WOB.ag · - Jr Software Developer · - Viernheim

My work
- Created structured web pages using HTML/SCSS with a focus on responsive design and Bootstrap integration for interactive components
- Utilized React and Vue to develop interactive web components while optimizing multipage architecture for seamless, high-performance, and server-efficient multipage applications
- Used JavaScript, including libraries like Barba.js and Three.js, for enhancing the user experience and creating 3D graphics
- Integrated websites with PIMCORE CMS, Created endpoints for data fetching and updates, and improved content management efficiency
- Managed customer journey workflows and data extensions in Salesforce, optimizing marketing campaigns and ensuring data accuracy.
- Successfully collaborated with cross-functional teams to translate design mockups into functional web applications.
- Ensured the responsiveness and optimal performance of web applications across various devices and browsers.
- Wrote clean, efficient, and maintainable code using the latest front-end technologies.

Feb. 2016 to Mar. 2018

AK Advertising · - Jr. web developer · - Nagpur

Working collaboratively with a team of seven, I acquired extensive practical knowledge of JavaScript and React.

Highlights of my work include:
- successfully implemented a shop system for a client's website.
- Developed a single-page application (SPA) using React, significantly enhancing the loading time and overall performance of the client's website.
- Enhanced a client's website by integrating a Firebase database, transforming it from static book data display to dynamic functionality.
- Implemented client-server communication utilizing RESTful APIs

June 2014 to Feb. 2016

- IT Support · - Nagpur

As an IT support professional, my role encompassed providing technical assistance, resolving networking issues, implementing software solutions, and conducting hardware repairs. I took responsibility for assembling and maintaining office systems, acquiring valuable knowledge from my teammates in areas such as product maintenance, hardware networking, and project cost and time management.

PROJECTS

Bloggin

Developed a user-friendly website allowing users to select templates and create custom blogs. Leveraging Vue.js, we built a dynamic and interactive platform where users could easily customize their blogs. To ensure scalability and portability, we containerized the application using Docker, streamlining the deployment process and enhancing its overall efficiency.

SmallPaws

Developed an app for a pet adoption platform, allowing users to upload and browse pet information available for adoption, free of charge. Utilizing React, I created an intuitive and responsive front-end interface, providing a seamless user experience. The app utilized Firebase for database management and user authentication, ensuring secure and reliable data storage and access. This project showcases my expertise in front-end development, database integration, and user authentication implementation.

Flight Price

Developed a backend application with a RESTful API using Express and Node.js. This application enables users to fetch current flight prices and check flight timings. Leveraging the Skyscanner API for datasets, I implemented robust functionality to provide accurate and up-to-date flight information. The project showcases my proficiency in backend development, API integration, and data manipulation.

Integrating Facial Recognition with Modern Applications(Master Thesis)

developed a real-time face identification system using the Facenet face identification model HOG and MMOD for face detection that combines accuracy and efficiency. This involved in-depth research, model development, and integration with Microsoft's OneNote through the Graph API. I prioritized user experience with an intuitive interface and robust error handling. by focusing the face detection algorithm's computational resources on a reduced area within the video frame, significantly increasing the Frames Per Second (FPS)

Hotel Bidding

Developed a hotel management app using TypeScript, enabling users to submit quotations and receive bids from various hotels in their vicinity. Leveraging Node.js and MongoDB, I built a robust backend system that facilitated seamless communication between users and hotels. The app showcased my proficiency in TypeScript, backend development with Node.js, and database management with MongoDB. Through this project, I demonstrated my ability to create efficient and scalable solutions for the hospitality industry.

AWARDS

University of Michigan- Prof. Colleen van Lent · Interactivity with JavaScript

Johns Hopkins University-Prof. Yaakov Chaikin · HTML, CSS, and Javascript for Web Developers

Udemy-Vlad Budnitski · Git & GitHub

EdYoda Digital University-Qaifi Khan · HTML5 - Basics to Advanced

Maximilian Schwarzmuller · Javascript –the complete guide

ACTIVITIES

English (fluent)
Reading C2 , listening-C2, speaking C2, writing-C2

German A1

Hindi(native)