ABHINAY KHALATKAR SOFTWARE DEVELOPER

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EDUCATION

SRH Hochschule Heidelberg   Oct. 2021 - Sept. 2023
Master in Applied Computer Science

Nagpur University   Aug. 2018 - Aug. 2021
Bachelor of computer application

EMPLOYMENT

WOB.ag, *Assistant Marketing Technology*, Viernheim   Mar. 2022 - Sept. 2023
Tasked With
- Creating structured web pages using HTML/SCSS with a focus on responsive design and Bootstrap integration for interactive components
- Utilizing React to develop interactive web components while optimizing multipage architecture for seamless, high-performance, and server-efficient multipage applications
- Using JavaScript, including libraries like Barba.js and Three.js, for enhancing the user experience and creating 3D graphics
- Integrating websites with PIMCORE CMS, establishing endpoints for data fetching and updates, and improving content management efficiency
- Managed customer journey workflows and data extensions in Salesforce, optimizing marketing campaigns and ensuring data accuracy.

AK Advertising, *Jr. web developer*, Nagpur   Feb. 2016 - Mar. 2018
Working collaboratively with a team of seven, I acquired extensive practical knowledge of JavaScript and React.
Highlights of my work include:
- successfully implementing a shop system for a client's website.
- Developing a Single-Page Application (SPA) using React significantly enhances the loading time and overall performance of the client's website.
- Enhancing a client's website by integrating a Firebase database, transforming it from static book data display to dynamic functionality.
- Implementing client-server communication utilizing RESTful APIs

IT Support, Nagpur   June 2014 - Feb. 2016
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.

SKILLS

DATABASE: MongoDB, firebase, MySQL
SERVER-SIDE LANGUAGES: node.js, php, Python
CLIENT-SIDE LANGUAGES , FRAMEWORK: React, Vue.js, Javascript
OTHERS: HTML/HTML5, Postman, Docker, Sass, Bootstrap, CSS, PIMCORE, CMS, Express.js, npm or yarn package management, Webpack, RESTful API, GitHub/GitLab, Mobile-first design, AJAX

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

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

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

Git & GitHub, *Udemy-Vlad Budnitski*

HTML5 - Basics to Advanced, *EdYoda Digital University-Qaifi Khan*

Javascript –the complete guide, *Maximilian Schwarzmuller*

ACTIVITIES

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

Hindi(native)