Kalpana Chaudhary

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EMPLOYMENT

Frontend web Developer

Freelancer

August 2023 – Present

As a Front-end Developer Freelancer, I contributed to successful execution of various web development projects, showcasing proficiency in a diverse set of technologies and tools. My key responsibilities include:

- E-commerce Platform Enhancement: Implemented JavaScript, TypeScript, ReactJS and NodeJS for a dynamic and responsive e-commerce front-end.
- Led development of high-performance web app with **NextJS** and **MongoDB** for enhancing user experience.
- Figma to Web Conversion: Translated **Figma** designs into functional, responsive web pages. Collaborated with designers to maintain design integrity.
- API integration Project: **API integration**, seamlessly connecting front-end apps with back-end service, optimization of data flow and system efficiency through **REST API** implementation.
- Participated in **knowledge-sharing sessions** within the team, actively stayed updated on emerging technologies to bring solutions and maintain a competitive edge.

Full stack developer

Certification

Feb 2023 - Dec 2023

- I have acquired proficiency in Full Stack Development, which encompasses both front-end and back-end coding for end-to-end application development. I have also developed Cloud Native expertise, including building, deploying, testing, running, and managing cloud-native applications on platforms like Cloud Foundry, Docker, Kubernetes, and OpenShift.
- My diverse technology stack includes Cloud foundations, **GitHub**, Node.js, React, Docker, Kubernetes, OpenShift, Istio, Databases, NoSQL, Django ORM, Bootstrap, Application Security, Microservices, and Serverless computing.
- I have successfully completed several real-world projects, such as HTML pages on Cloud Object Storage, an interest rate calculator using HTML, CSS, and JavaScript, an AI program deployed on Cloud Foundry with DevOps principles, a Node.js back-end application paired with a React front-end, a containerized guestbook app with Docker and Kubernetes, a Python app, a database-powered application using Django ORM and Bootstrap, and a scalable, Cloud Native Full Stack application.
- To provide tangible evidence of my practical skills and achievements, I have established a comprehensive GitHub
 repository housing the portfolio of projects. I have also demonstrated the ability to deploy applications on cloud
 platforms using Cloud Native methodologies.

EMPLOYMENT

Network Engineer

Airtel Network Operations

October 2019 - August 2022

• Ensuring network security by developing network access and conducting evaluations. Monitors end-to-end connectivity involving RF and fiber media. Fixes routing protocol-related issues on provider and customer end devices. Added server-side validations for template container according to Business Rules designed for advancing a task to it's Next Status.

Intern DRDO Delhi April 2017 - October 2018

• Conducting research on accelerometers and their applications in various fields. Presentation of results to academic and industrial experts under the supervision of scientists. Contribute to the development of new Accelerometer-based products and technologies.

Languages, Technologies, and Frameworks

- JavaScript, HTML, TypeScript, PHP, C#, Node Js, React Js, Express Js, SQL, PostgreSql
- AWS, Object Oriented Programming, Visual Studio, Agile Methodology, GIT, Postman, Spring Boot, Jenkins

EDUCATION

- Masters in electrical and computer science from Hochschule Anhalt, Köthen Oct 2021 Present
- Bachelors in Electronics and Communications from MDU India May 2013 August 2017