

Krishna Kumar

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SUMMARY

Results-driven and highly skilled Software Engineer with six years of experience in the web development of robust software solutions. Proficient in **NodeJs and ReactJs**, with proven track record of develop complex projects and implement effective solutions. Seeking opportunities to contribute expertise and leadership to innovative software development projects.

EXPERIENCE

Sr. Software Engineer

Mindfire Digital LLP

January 2022 – Present, Delhi, IN

- Spearheaded a virtual eyewear try-on platform, elevating customer engagement by 25% through groundbreaking real-time visualization.
- Created Pupil Distance and Fitting Height calculators with exceptional accuracy rates of 97% and 99%, respectively, utilizing JavaScript, Tensorflow.js, and Google's MediaPipe library, thereby establishing new optometric standards.
- Engineered a pioneering system that increased diagnostic accuracy in ophthalmology by an impressive 30%.

Senior Associate Level-III

SmartData Enterprises

July 2020 – December 2022, Dehradun, IN

- Developed a Fambul platform for Sierra Leonean community to *connect, collaborate, and learn*. This web application includes digital tools and resources developed for the community, and geared towards this mission.

PROJECTS

Virtual TryOn

MIndfire Digital LLP • August 2022 – February 2023

- Engineered Virtual Try-On application, integrating ReactJs, ThreeJS and MediaPipe for dynamic 3D eyewear modeling.
- Optimized MediaPipe face detection, enhancing glasses positioning accuracy by 30% and speed by 20%.

Fambul

SmartData Enterprises Inc • May 2021 – December 2022

- Engineered and deployed a Fambul platform tailored to the Sierra Leonean community, facilitating connectivity, collaboration, and learning.
- The web application integrates specialized digital tools and resources meticulously crafted to address the unique needs and objectives of the community, aligning with its overarching mission.

Track My Trick

SmartData Enterprises • July 2020 – April 2021

- Video Content Management and Meeting Module has been developed for eLearning purposes, enabling instructors to register and create educational material in the form of video content. Students can engage in personalized learning by accessing these videos based on their interests, while also having the ability to connect with one another through video calls.

EDUCATION

Master of Computer Applications

Graphic Era Hill University, Bhimtal • Bhimtal, Uttarakhand • 2016

COURSEWORK

The Complete React Developer Course (w/ Hooks and Redux)

Udemy • 2021

SKILLS

Front End: HTML5, CSS, JavaScript, jQuery, React.Js

Backend: Node.js, Express, Python, Laravel

Database Technologies: MySQL, MongoDB

Other: Linux (Ubuntu), GIT, REST, Firebase, Axios, Tensorflow.js(WebGL), MediaPipe library, npm, yarn, AWS, OpenCV, WebRTC, Socket.IO, Redux, Redis, ElasticSearch