Pranav Bhardwaj

Software Developer

React.js developer | AR/VR enthusiast

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WORK EXPERIENCE

Software Programmer (Product Strategist)
Aximind Strategic Solutions

04/2021 - Present   *Remote*
Aximind works with new era technologies and drives innovation techniques to enhance the decision-making power of the business owners.

Achievements/Tasks
- Using Three.js with React.js to develop web interface with WebRTC that interacts with an AR mobile app.
- Using React.js to develop the main web based product.

Software Programmer (Freelancer)
Aximind Strategic Solutions

02/2021 - 03/2021   *Remote*

Achievements/Tasks
- Using Three.js and WebXR to develop from scratch an AR application divided into mobile and desktop web app.
- Using React.js to develop from scratch the desktop UI that interacts with the mobile AR web app.

Software Engineer
Raxa Health

09/2019 - 09/2020   *New Delhi*
Raxa is a service that helps doctors to take better care of their patients and empowers patients to take better care of themselves.

Achievements/Tasks
- Using Java to maintain and develop further the Android App.
- Using Flutter and React Native with native bridging to replace native code with hybrid code.
- Integrating features such as video calling and payments.

Front-End Developer
Kilobyte Technologies

05/2019 - 08/2019   *New Delhi*
Building digital products and experiences for identities and organizations.

Achievements/Tasks
- Using React Native to develop hybrid mobile apps for company and clients.
- Implementing features such as background geolocation tracking and google maps.

EDUCATION

BCA: Information Technology
Maharaja Surajmal Institute

07/2016 - 06/2019   *New Delhi*

SKILLS

React.js   Three.js   WebXR   WebRTC   Redux   Core Java   Git / Github   JavaScript   Flutter   React Native

ACHIEVEMENTS

HackMSIT Hackathon finalist (2019 - 2019)
Team leader for finalist team "Cosmonauts" in HackMSIT Hackathon securing 2nd position.

Smart India Hackathon finalist (2019 - 2019)
Team leader for finalist team "Cosmonauts" in Smart India Hackathon.

PROJECTS

Aximind Website (05/2021 - Present) ↗
- React.js based responsive portfolio website for an Interior Design professional.
- Uses GSAP for animations and Slider.js for carousels.

GC Interiors Portfolio Website (05/2021 - Present) ↗
- React.js based responsive portfolio website for an Interior Design professional.
- Uses image views with pinch zoom and 360° image viewer with Virtual Reality feature for mobiles.

ReelWorld WebApp (12/2020 - 12/2020) ↗
- A web based video conferencing app within a virtual world, brings online meeting experience as close to physical meetings as possible.
- Uses positional audio and movement controls to give real life audio experience.
- Share screen as boards, use room names to join or create meetings and send public messages.
- Uses WebRTC and signalling servers to create communication between clients.

Three.js Experiments (11/2020 - 12/2020) ↗
- Some web based experiments with Three.js to create 3D worlds on web.
- Involving positional audio, video textures, adding removing objects on the fly.

Processing Kinect Experiments (10/2020 - 11/2020) ↗
- Some desktop based experiments with Processing and Xbox Kinect.
- Involve working with computer vision, depth data and physics simulations.

INTERESTS

Cycling   Exploring Heritage Sites   Learning about different topics