

BITTU KUMAR

[Portfolio](#)

[LinkedIn | bittukumar183040](#)

[GitHub | BittuKumar183040](#)

Email: bk183040@gmail.com

Mobile: +91 7563872977

About Me

Greetings! I'm a motivated web developer with strong problem-solving skills, focused on building scalable architectures while identifying edge cases and future improvements. Passionate about crafting efficient and robust solutions for seamless development. I love the dynamic nature of technology and am always eager to explore new tools and frameworks that can elevate my work. With a focus on solving complex problems with clean code and responsive design, I aim to build websites that are both functional and visually appealing.

Skills

Frontend: HTML5, CSS, JavaScript, React, Redux, Next, WebGL (Three.js, RTF, Drei), GLSL

Backend: Python (Django, Fast API), Node.js (Express.js), PostgreSQL, SQLite, JSON

DevOps: Docker, ECR, S3, Lens

Version Control: Git, GitHub

UI/UX & Design: Figma, Adobe Photoshop, Blender 3D

Experience

BosonQ Psi Technology Private Limited (BQP)

Jan 2023 – Present

Full Stack Developer / 3D Visualization Engineer

With **2 years+** of experience at this company, I play a key role in the software team, contributing to both frontend and backend development. I work with technologies including React JS Three Js, Microservices, Fast API, and Spring Boot, and I am responsible for deploying applications to the different prod environment. Additionally, I have developed multiple proof of concepts (POCs) and led the development of an in-house **3D model visualization tool** for displaying simulation results and uploading CAD files.

Projects

3D Model Renderer ([Link](#), [GitHub](#)) – React, Tailwind CSS, Canvas, Three Js, React Three Fiber.

- This Application is a powerful tool designed to provide seamless experience for viewing and interacting with various types of 3D models.
- Support GLB, GLTF, SVG and FBX type 3D Model files.
- Added Complex functionality includes – Brightness control, List of Objects, Memory management, Auto Resize, Gizmo, etc.

World Weather Map Application ([Link](#), [GitHub](#)) – Leaflet, Map, React, API (openweathermap), Tailwind CSS.

- A dynamic weather map application that allows us to find real-time weather.
- Find location via a world map and the search field. Which handle dynamically and render reflects on world map.

QR – Code Generator ([Link](#), [GitHub](#)) - React, Tailwind CSS, User Experience, Responsive. API.

- Generate QR – Code for Text and link.
- Make easy to share, Interactive and Streamlined information access. By added clipboard and live sharable link and download functionality.
- Added Multiple Color match user theme and multiple level of error correction feature.

Education & Certifications

Masters in Computer Application
Lakshmi Narain College of Technology, Bhopal
Session - 2021 – 2023

Bachelors in Computer Application
Sikkim Manipal University
Session - 2017 – 2021