

# VASUPALLI SAI HARI KIRAN

## FULL STACK WEB DEVELOPER

Email: saiharikiran.vasu@gmail.com

Phone: +91 7780314837

## ABOUT ME

Driven by a passion for innovation, web development has been my gateway to achieving it. I thrive on the excitement of continuous learning, eagerly expanding my knowledge each day. Being a developer is not just a career for me, it's a genuine pursuit of what I truly love.

## EXPERIENCE

### Full Stack Web Developer

X-Verity | June 2023 – present (**2 YEARS**)

- Currently working as a Full Stack Web Developer, contributing to various challenging projects.
- Developed and executed solutions, continuously extended my technical capabilities.
- Consistently learned and applied new technologies to meet project demands.

## SKILLS

- **Front-End Development:**  
HTML5, CSS3, JavaScript (ES6+), TypeScript, React.js, Vite
- **UI Frameworks & Styling:**  
Tailwind CSS, Bootstrap, CSS Modules, SCSS
- **State Management:**  
Context API, Redux Toolkit, React Query
- **Back-End Development:**  
Node.js, Express.js, RESTful APIs, Authentication & Authorization (JWT, OAuth)
- **Databases:**  
MySQL, PostgreSQL, Neon DB (Vercel)
- **Full-Stack Framework:**  
Next.js (API Routes, SSR, ISR, App Router)
- **Billing & Payments:**  
Zoho Billing (Subscriptions, Invoicing), Razorpay Payment Gateway (Checkout, Webhooks)
- **Tools & DevOps:**  
Git, GitHub, Postman, Swagger (API testing & documentation), ESLint, Prettier
- **Code Editors:**  
Visual Studio Code (VS Code), IntelliJ IDEA, Eclipse

- **Deployment & Hosting:**  
Vercel, Netlify, AWS, Hostinger, cPanel, WHM
- **Designing Tools:**  
Figma (UI/UX design).

## PROJECTS

### 1. Custom Content Management System (CMS):

**Tech Stack:** Next.js, React, Node.js, SQL

- Architected and developed a **custom CMS application** to streamline content management for internal and client-facing web applications.
- Enabled dynamic control over **blogs, service pages, landing pages**, and other web content types.
- Integrated **form data management**, empowering teams to collect and manage submissions effectively.
- Delivered a scalable, user-friendly solution tailored to the organization's evolving content needs.

### 2. Qcentrio – Corporate Website Development:

**Tech Stack:** Next.js, React, Custom CMS

- Built a **50+ page dynamic website** for Qcentrio, an AI-driven solutions provider, using **Next.js** to ensure high performance and SEO optimization.
- Seamlessly integrated the previously developed **custom CMS**, enabling easy content updates and form management.
- Ensured responsive design, accessibility, and maintainability across all pages and components.

### 3. Best Infra – Energy Management Platform:

**Tech Stack:** React, Node.js, REST APIs

- Developed a **web-based Energy Management Tool** to monitor energy consumption, manage client usage, and automate billing processes.
- Implemented **real-time tracking** and analytics dashboards for energy units, offering actionable insights to clients.
- Improved operational efficiency and billing transparency through smart automation features.

### 4. No-Code Dashboard Page Builder (*In Progress*):

**Tech Stack:** Next.js, React, Drag-and-Drop Libraries

- Building a **no-code platform** that enables users to create complete dashboard applications without writing a single line of code.

- Provides a growing set of **pre-built modules** (Billing, Reports, Settings, Dashboards) and **reusable UI components**.
- Features a **drag-and-drop page builder** to support custom module creation when templates aren't sufficient.
- Supports **one-click export** of production-ready source code, ideal for non-technical users and rapid prototyping.
- Focused on **scalability, modular design**, and usability using the **Next.js framework**.

## 5. Image to Point Cloud Generator (Prototype):

**Tech Stack:** Python, PyTorch, Neural Networks, Open3D

- Developed a **proof-of-concept neural network** to convert 2D images into 3D point clouds, aimed at applications in 3D reconstruction and computer vision.
- Successfully **overfitted on a small dataset** to validate the model architecture and functionality during initial testing.
- Utilized libraries such as **PyTorch** for model building and **Open3D** for point cloud visualization.
- Currently planning to expand the project with a **larger, more diverse dataset** and incorporate **regularization techniques** for better generalization.

## EDUCATION

- **Raghu Institute of Technology – Bachelor of Technology (BTECH)**  
Electrical and Electronics Engineering.  
Percentage: 77.04%.  
2020 – 2023.
- **Sri Chaithanya Engineering College – Diploma**  
Electrical and Electronics Engineering.  
Percentage: 79.75%.  
2017 – 2020.
- **New Life English Medium School – SSC**  
Percentage: 88%.  
2016 – 2017.

## PERSONAL DETAILS

- **Full Name:** Vasupalli Sai Hari Kiran.
- **Phone Number:** 7780314837.

- **Email:** saiharikiran.vasu@gmail.com.
- **Location:** Visakhapatnam, Andhra Pradesh, India.
- **Marital Status:** Single
- **LinkedIn Profile:** <https://www.linkedin.com/in/vasupalli-sai-hari-kiran/>
- **GitHub Profile:** <https://github.com/SaiHariKiran-ctrl/>
- **Portfolio Website:** <https://www.saiharkiran.com/>
- **Date of Birth:** 03/12/2001
- **Nationality:** Indian