V DURGEHSWAR RAO

+91 9437530958 | Email | LinkedIn | GitHub | Portfolio

SUMMARY:

Full Stack Web and App Developer with expertise in both frontend and backend technologies and with DevOps and AWS.

TECHNICAL SKILLS:

- **Frontend** – HTML , CSS , JavaScript , ReactJS, NextJS, React Native , Tailwind CSS , Bootstrap , Redux , Framer Motion
- **Backend** – Python, NodeJS, Express.js , Serverless , Microservices , Flask , Java
- **Database** – MySQL, PostgreSQL, MongoDB , DynamoDB , Redis
- **DevOps** – Docker , Kubernetes , Terraform , Ansible , Git , GitHub ,GH actions , Linux
- **Cloud** – AWS (Amazon Web Services),GCP(Google Cloud Platform)

EXPERIENCE:

Web Developer -Protionix Technology | May 2024 – July 2024

- Developed a website for their IOT product. With the use of ReactJS and NodeJs with Hosting.
- Helped To Company To increase their Sales and Helped them to globalize
- Increased their sales from 50% to 80%

Full Stack Developer – KanProKagno Innovation Private Limited | Aug 2024 – Present

- Under This I have developed a fully functional Applications
  [propthecrop.com] ,[designignite.uk],[latestvapes.co.uk],[Events Website]
- Used Tech Stack React.Js , Node.Js ,AWS, MongoDB , Express.Js, Next.Js , Middlewares , CSRF , JWT ,Session Management, API Security ,React Native
- I served as a Lead Developer and Client Consultant.

PROJECTS:

Personal Projects:

Sunderban Monitoring System – Drone Surveillance

- Developed real-time drone telemetry dashboard with remote controls
- Implemented WebRTC video streaming, live maps, and sensor analytics
Tech Stack: React.js, WebRTC, WebSocket
Website: https://sunderban-watch.vercel.app/drone-control

SIH Project – Sikkim Monasteries Platform

- Smart India Hackathon project concept
- Interactive platform showcasing heritage monasteries
- Responsive design with clean UI
Website: https://sikkimmonestries.vercel.app/

Company Projects:

ProptheCrop – Fully Functional PWA:
- Production-grade PWA for agricultural prediction and insights
- Built using Next.js ,Amplify , DynamoDB ,SNS , Nodemailer
- Offline support, caching layers, app-like UX

Website: https://www.propthecrop.com/

Truck Tracking System – Real-Time GPS + Live Feed:
- Real-time fleet tracking with continuous GPS updates
- Built using React Native, Node.js, MongoDB
- Integrated live data streaming for vehicle movement

Website: https://www.shodha.co.in/

DesignIgnite – Automobile Consultancy Website
- Corporate website built with modern UI components
- Fully responsive layout using HTML, CSS, JavaScript

Website: https://www.designignite.uk/

LatestVapes – Shopify eCommerce Website
- Custom Shopify storefront development
- Optimized product pages, search, and cart user flow

Website: https://latestvapes.co.uk/

Pavan Events & Entertainment – Modern Event Website
- Event website with elegant UI and smooth visuals
- Designed responsive layouts with custom sections

Website: https://pavaneventsandentertainment.com/

NIST Robotics Club – College Website with Admin Panel
- Developed full CMS and admin dashboard for content management
- Built using Next.js ,Google Drive,Vercel,Redis,Nodemailer,GA4

Website: https://nistroboticsclub.vercel.app/

5G Video Transmission Platform – WebRTC + Kubernetes
- Real-time HD video transmission over 5G network
- Custom local STUN, Containerized backend, Kubernetes deployment
- Frontend in React.js, backend WebRTC services in Node.js

Website: https://nist-nrc-frontend-service.vercel.app/login

--------- **For more projects please visit my [portfolio]** ---------

ACHIEVEMENTS & CERTIFICATIONS:

- **ZSI Zonal Level Competition – 1st Position (2025)**
  Awarded 1st place for developing the Sunderban Monitoring & Surveillance System, a real-time drone-based environmental monitoring platform.
  Certificate: https://codewithvdr.vercel.app/c&a/zsi-zonal-leverl-1st.png
- **Startup Odisha – Certificate of Excellence, 2nd Position (2025)**
  Recognized for innovative implementation of real-time drone monitoring and environmental analytics.

Certificate: https://codewithvdr.vercel.app/c&a/startup-odisha-certificate-of-excellence-achieved-2nd-pos.png

- **AWS Cloud Practitioner (2025)**
  Completed foundational AWS certification covering cloud concepts, security, architecture, and AWS global infrastructure.
  Certificate: https://codewithvdr.vercel.app/c&a/AWS-Cloud-Practitioner.pdf

- **Getting Started with DevOps on AWS (2025)**
  Completed AWS DevOps fundamentals, including CI/CD, infrastructure automation, and deployment best practices.
  Certificate: https://codewithvdr.vercel.app/c&a/Getting-Started-with-DevOps-AWS.pdf

- **Oracle Cloud Foundations (2025)**
  Completed Oracle Cloud Infrastructure fundamentals including compute, storage, networking, and identity services.
  Certificate: https://codewithvdr.vercel.app/c&a/ecertificate-oracle.pdf

- **Cisco Python Essentials 1 (2024)**
  Completed Python foundational programming training, focusing on data types, control flow, and problem-solving.
  Certificate: https://codewithvdr.vercel.app/c&a/python-essentials-1-cisco.pdf
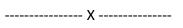
- **Cisco Python Essentials 2 (2024)**
  Advanced Python programming track including OOP, modules, exceptions, and intermediate coding patterns.
  Certificate: https://codewithvdr.vercel.app/c&a/python-essentials-2-cisco.pdf

EDUCATION:

[Matriculation and Intermediate] : GURU NANAK PUBLIC SCHOOL ROURKELA [till 2020 - Matriculation] [2021 – 2023 Intermediate]

[Bachelor's of Technology in Computer Science] : NIST UNIVERSITY [2023-Present]

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*[Last Updated on 12-12-2025]