RUSSEL DANIEL PAUL

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COMPUTER ENGINEERING STUDENT | FULL STACK WEB DEVELOPER

Final-year Computer Engineering student and 3-time hackathon winner with experience in web development and full-stack application development. Passionate about building practical, scalable solutions, solving real-world problems, and learning new technologies while contributing to impactful engineering projects.

EDUCATION

Fr. Conceicao Rodrigues College of Engineering (Fr. CRCE) Affiliated with the University of Mumbai
Bachelor of Engineering in Computer Engineering - *CGPA:* ***9.03 (up to Sem 5)*** *Expected May 2027*

EXPERIENCE

TechnodeIOT Solutions *Oct 2025 - June 2027*

• Redesigned and modernized the company's landing page and primary website, enhancing the user interface, visual consistency, and overall user experience across key customer-facing pages.
• Maintained and enhanced an IoT dashboard built with React and Java, supporting real-time device monitoring, analytics, and management. Improved functionality, performance, and overall user experience.
• Developed and deployed a separate MQTT-based IoT dashboard using Next.js, Docker, and a VPS hosted on Hostinger, enabling scalable real-time device communication, monitoring, and management.

PROJECTS

Pashu Pehchaan - *http://pashu-pehchaan.vercel.app* | React, Node, Mongodb, Expo, Twilio, Vercel *Feb 2026*

• Designed interactive dashboards with Recharts to visualize livestock health, activity, and real-time IoT data.
• Built notification systems using Twilio and in-app alerts to deliver timely updates for health events, reminders, and critical livestock activities.

Vathavaran Variables - *https://vathavaran-variables.vercel.app* | Next, supabase, Inquire.js, Prisma *Dec 2025*

• Built an interactive CLI to securely push and pull encrypted environment variables across projects.
• Implemented GitHub OAuth for secure authentication and built a centralized system to manage, encrypt, and synchronize environment variables across multiple projects.

Healix - *https://healix-med.vercel.app* | React, Node, Mongodb, FastAPI, A-frame, THREE.js, Railway *Jul 2025*

• Integrated Digital Samba to enable real-time video consultations and chat between doctors and patients.
• Developed and integrated browser-based VR therapy experiences using A-Frame and Three.js, enabling immersive healthcare interactions within the platform.

SKILLS

Languages: Java, Python, C/C++, SQL, JavaScript, TypeScript
Frontend: HTML, CSS, React.js, React Native, Next.js, Tailwind CSS, NativeWind, shadcn/ui
Backend: Node.js, Express.js, FastAPI, Prisma ORM, Springboot
Database: MongoDB, PostgreSQL, Firebase, Supabase, Cloudinary
Deployment: Vercel, Render, Railway, Cloudflare Workers, AWS

ACHIEVEMENTS

Runner-up – Coherence 2025 | React, Express , Node, Mongodb, FastAPI, Vercel, Render *Mar 2025*
Built Screen Smart, an AI-based platform that screens resumes and matches candidates with job roles.

Second Runner-up – Certifyo 2025 Hackathon | React, Express , Node, Mongodb, FastAPI *June 2025*
Built Trippeer, a collaborative travel application that enables users to plan, organize, and share trips seamlessly.

Runner-up – Neural Nexus 2026 Hackathon | React, Node, Mongodb, Expo, Twilio, Vercel *Jan 2026*
Created Trekky, a trek planning and tracking platform focused on AI-driven guidance and user safety.