RUDRESH

Software Development Engineer – Bangalore

✉ r9025305010@gmail.com 📍Hosur, Tamil Nadu

🔗 **Rudy9025** | 📌 **rudy9025** | in **Rudresh** | 🎧 **Rudy9025**

Education

❖ **Jain (Deemed-to-be University), Bangalore.**   **[Aug 2023 – June 2025]**
   Master of Computer Applications.   CGPA: 8.2

❖ **Presidency University, Bangalore.**   **[Jun 2020 – June 2023]**
   Bachelor of Computer Applications.   CGPA: 8.88

Experience

BNP PARIBAS   **Current**

Software Development Engineer

➢ Creating high-quality software solutions, focusing on enhancing financial systems with innovative tech. Partnering with cross-functional teams to deliver fast, reliable applications that solve complex business challenges.

BOSCH INDIA   **On-Site [Jun 2024 – Sep 2024]**

SDE Intern | Certificate ⧉

❖ **Family Day Application 2024**   **[Techs: NextJs, MySQL, Middlewares]**

   ❖ Created a secure Next.js application with MySQL for Family Day 2024 registrations, featuring authentication, session management, protected routes, and an admin portal for data uploads and participation reports.

   ❖ Enhanced performance and scalability by utilizing Next.js SSR/SSG and React Hooks for a seamless user experience.

❖ **SMT Changeover Info Application**   **[Techs: React, Nodejs, MySQL, Sequelize]**

   ❖ Developed a scalable ReactJS application with an ExpressJS and NodeJS backend for SMT changeover, designing a modular architecture to support a data pipeline for 14 production lines.

   ❖ Created a real-time FIDS display with automatic refresh every 10 minutes, leveraging Oracle MySQL queries to ensure data integrity and consistency across databases.

❖ **SSO Integration | Internet Information Services**   **[Techs: Azure AD, MSAL, JWT, Deployment]**

   ❖ Set up Single Sign-On (SSO) using Azure AD for smooth identity management across apps, utilizing jwt-decode to pull JWT token claims securely and storing user credentials in sessionStorage for easy access across sessions.

   ❖ Managed IIS deployments with load balancing and auto-scaling to maintain high availability and security, using RDP for remote server control and configuring HTTPS with specific ports for secure access.

Projects

❖ **LUX-Car-Rental-System | Github** ⧉ **| Live** ⧉   **[Techs: Google Oauth SSO, SQL, Nextjs, API]**

   ❖ Users can browse available cars, view pricing, and make bookings instantly, with real-time updates on car availability.

   ❖ Google SSO OAuth is integrated for secure and easy login, ensuring a safe and smooth user experience.

   ❖ Backend uses SQL hosted on Clever Cloud for reliable data management

❖ **AI-Companion | Github** ⧉ **| Live** ⧉   **[Techs: Google/generative-ai, Threejs, React]**

   ❖ Created an interactive frontend using advanced AI technology and Three.js, featuring a vibrant 3D experience with dynamic dance movements, from salsa to twerk to drill.

   ❖ Developed engaging dialogue experiences by integrating Gemini Google Generative AI API, allowing users to have captivating and interactive conversations.

❖ **Ubuntu-Themed-Personal-Portfolio | Github ⎘ | Live ⎘**   **[Techs: NextJs, EmailJs, tailwindcss]**

- ❖ My personal Portfolio Website, a digital oasis inspired by the **Ubuntu 20.04** aesthetic.
- ❖ Built with **Next.js** and styled gracefully with **Tailwind CSS**, it promises a refined digital journey.
- ❖ Connect me through the Contact Me app, powered by **EmailJS** for smooth communication.
- ❖ This website is more than a portfolio, it's an ecosystem for digital exploration and connection.

Technical Skills

- ➢ **Frontend**   ReactJS, AngularJS, ThreeJS, NextJS, Javascript
- ➢ **Backend**   Node, Express, Springboot, Flask
- ➢ **Database**   MySQL, MongoDB, PostgreSQL, Oracle
- ➢ **Tools**   Postman, Blender
- ➢ **Version Controls**   Github, BitBucket
- ➢ **Languages**   Python, Java, HTML

Achievements and Honors

BNPP INNOVERSITÉ Hackathon 2025 Competed in the 24-hour hackathon, applying technical expertise to solve real-world tech challenges.   **Live ⎘**

Achieved the prestigious Gold Medal in the BCA Department at Presidency University, showcasing exceptional academic prowess and dedication.   **Live ⎘**

Certifications

- ✓ **Agile methodologies** including Scrum practices at JPMorgan Chase & Co. Demonstrated proficiency in User Stories, Backlog Refinement, Daily Standups, and Sprint Reviews and Retrospectives.   **Live ⎘**
- ✓ **Hackerrank** Certificate Course in various domains from Hackerrank.   **Live ⎘**

Interests

I enjoy building awesome Software as a service (SaaS) that solve practical problems.

When I am not coding my next project, I like to spend my time travelling or playing volleyball. And I also have interest in Data Science & RestFul APIs!