

# RUDRESH

Software Development Engineer – Bangalore

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## 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**

JavaScript, React, Three.JS, Next.JS, Vite
- **Backend**

Node, Express, .NET, Docker, 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!

Online version

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