

Harish Raj D R

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WORK EXPERIENCE

Infosys

Senior System Engineer | July 2024 – present

May 2022 – present

Bengaluru, Karnataka

- Improved user experience for a major telecommunications company's Wi-Fi modem Web UI by diagnosing and resolving critical UI bugs, significantly enhancing product stability for millions of users.
- Analysed software architecture, leading to a 10% reduction in bug resolution time and improved team efficiency.
- Collaborated with cross-functional teams to seamlessly integrate new features into the existing architecture, resulting in a 10% reduction in deployment issues.
- Contributed to setting up development servers, gaining foundational experience in server maintenance and supporting a stable development environment.

System Engineer | July 2022 – July 2024

Chennai, Tamil Nadu

- Developed a proof-of-concept mobile app showcasing innovative features with 100% positive feedback, leading to further development.
- Created and maintained comprehensive technical documentation for internal REST APIs, reducing development time by 5%.

System Engineer Trainee | May 2022 – July 2022

Mysore, Karnataka

- Conducted knowledge-sharing sessions, boosting team comprehension of complex concepts by 20%.

SKILLS AND CERTIFICATIONS

Programming Languages: JavaScript, TypeScript, Python, NodeJS, HTML, CSS.

Libraries & Frameworks: React, Next.js, Tailwind CSS, Express.js.

Database: PostgreSQL, MySQL, MongoDB.

Tools & Platforms: Git, GitHub, Vercel, Figma.

Certification: Foundations of User Experience (UX) Design, Coursera

PROJECTS

Top Gear cool board API | <https://tg-cool-board.vercel.app/>

A REST API for cars featured on the "Cool Board" segment of Top Gear, categorized by “coolness” ranking and built using Nitro and TypeScript.

Memory Game | <https://memory-game-tan-eight.vercel.app/>

A web game challenges players' memory and concentration as one strives to match all the cards in the shortest time possible. Built using Vite, React, and TypeScript.

Petite | <https://petite-beta.vercel.app/>

Web app to shorten long URLs for easy sharing. Built using Next JS, TypeScript.

EDUCATION

National Institute of Technology, Tiruchirappalli

B. Tech in Electronics and Communication Engineering

- Minor in Business Management

May 2022

Tiruchirappalli, Tamil Nadu