Ramya Shravani Dasiga

Software Developer

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Professional Experience

Software Developer I — Autodesk, Bangalore, India   **May 2021 - December 2023**

- Worked on Autodesk's initiative to develop a new pricing tool solution aimed at replacing existing Price Management and Price Administration tools, focusing on flexibility, scalability, reduced dependency on back-office development, enhanced productivity, robust reporting capabilities, and historical data retention.

- Spearheaded development of Pricing Willow Application, reducing pricing operation time by 40% through implementation of automated workflows and efficient business model creation processes

- Engineered and optimized SQL queries resulting in 30% faster data retrieval, handling over 1M+ records for critical pricing operations

- Implemented automated deployment pipeline using AWS CodePipeline, reducing deployment time by 60% and achieving 96% deployment success rate

- Developed responsive user interfaces using C# and ASP.NET MVC, improving user satisfaction scores by 25% and reducing support tickets by 35%

- Resolved 50+ critical bugs and reduced bug backlog by 45% through systematic tracking and prioritization system

- Created and maintained 10+ cron jobs on Virtual EC2 Servers, ensuring 99% uptime for business-critical applications

- Collaborated with 3 cross-functional teams to deliver 15+ major features ahead of schedule, receiving recognition for exceptional performance

- Worked in an Agile environment using JIRA, mentoring two junior developers and promoting best practices in code development and deployment.

Technical Skills

Programming Languages & Frameworks

- C#
- ASP.NET (Entity Framework, MVC)
- JavaScript/JQuery
- NodeJS, ReactJS
- MongoDB
- SQL

Tools & Technologies

- Microsoft Visual Studio
- Git
- GitHub
- AWS Developer Tools (CodePipeline, EC2)
- SQL Server Management Studio
- WordPress

Education

Bachelor of Engineering (B.E) in Information Science and Engineering

Sai Vidya Institute of Technology (VTU)   📍 Bangalore, India

August 2016 - August 2020

Projects

Real-time Weather Application
Link to Website

- Developed a responsive application using NextJS and TypeScript
- Achieved 90% performance score on Google Lighthouse
- Deployed at: realtime-weatherapp-nextjs-ramyadasigas-projects.vercel.app

Personal Portfolio Website
Link to Website

- Designed and developed a fully responsive personal portfolio to showcase professional experience, technical skills, and project work
- Built with a modern tech stack — Vite, React, TypeScript, and Tailwind CSS
- Emphasized performance, accessibility, and clean UI/UX design to create a polished and navigable interface
- Integrated a YouTube content section and structured achievements and contact forms for engagement and visibility

Data Security Tool

- Developed an Encryption/Decryption Tool using C# that implements the SALT algorithm for securely encrypting and decrypting original passwords in connection strings, enhancing overall data security.

Database Audit Tool

- Created a tool to track creation and modification dates of database tables, stored procedures, and functions across all environments, supporting compliance and oversight.

Freelance Projects - Web Development

- Redesigned and updated two company websites: mapecontrol.it and esploriamoitalia.com using WordPress
- Improved user experience through a modern layout, responsive design, and performance optimization
- Ensured SEO best practices and collaborated closely with the client to meet branding and functionality goals

Achievements & Certifications

- Mastering MERN Stack – Udemy: Gained hands-on expertise in building full-stack applications using MongoDB, ExpressJS, ReactJS, and NodeJS (2025) Link to Certificate
- Exceptional Performance award in Code Vipassana Season 9: Agentic Apps with Cloud Databases, Serverless and Open Source Integrations (2025)
- Exceptional Performance award in Code Vipassana Season 6: Data to AI with Gemini and Gemma (2024)
- Exceptional Performance award in Code Vipassana Season 5: Duet AI by Google Developers Group, Cloud Kochi (2024)
- Google Cloud Platform Fundamentals: Core Infrastructure certification (2019)
- Learn with Google AI: Explore ML Beginner certification (2018)
- Successfully coordinated five technical events with 500+ participants