

MANOJ T V

Software Engineer

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WORK EXPERIENCE

Software Engineer

Jan 2025 – Present

Energy Exemplar

Bengaluru

- Building an AI-powered chatbot for the Plexos product to streamline user interaction and automate insights.
- Translating business requirements into AI-driven features to improve decision-making and user experience.
- Designing and implementing REST APIs and MCP tools in ASP.NET Web API with SignalR integration, enabling live communication and allowing other teams to leverage AI capabilities.
- Contributing to GenAI initiatives within the team to enhance Plexos with chatbot capabilities.
- Developing scalable Vue.js components with features like conversation history and real-time chat UI

Software Design Engineer

July 2022 – Jan 2025

Delta Electronics

Bengaluru

- Contributed to three web applications, including an e-commerce platform, as a full-stack web developer.
- Crafted visually appealing UIs using **React** and robust **RESTful APIs** using **C#**.
- Utilized **Azure** App Services, Storage Accounts, Azure SQL Database, and AAD for efficient security and management.
- Managed end-to-end product features using **.NET** and optimized component lifecycle to meet deadlines.
- Developed and optimized databases using **MS SQL Server** across multiple teams.
- Improved web app visibility by 20% through SEO enhancements, increasing user registrations.
- Built Android app using Flutter to render web application via WebView.
- Provided API and user management for desktop and mobile teams.
- Mentored 2 junior developers on coding standards, task assignments, and reviews.

Software Design Engineer (Intern)

Feb 2022 – July 2022

Delta Electronics

Bengaluru

- Worked as a full stack developer; analyzed and delivered tailored solutions.
- Handled modules independently; created APIs and stored procedures used by multiple teams.
- Executed unit and QAC tests to ensure codebase quality.

EDUCATION

University Visvesvaraya College of Engineering

2018 – 2022

Bachelor of Engineering

CGPA: 8.76 / 10

SKILLS

Languages: C#, JavaScript, C++/C, Python

Frameworks: ASP.NET Core/MVC, ReactJS, ExpressJS/NodeJs, Django

Cloud/Databases: Microsoft Azure, MySQL, MS SQL Server, MongoDB

Web Technologies: REST APIs, JQuery, AJAX, Microservices

Tools: Jenkins, Docker, Figma, Visual Studio, VS Code, Git, GitHub, SSMS, Trace32, IBM Rational, Microsoft Office

Certificates: Microsoft AI900

PERSONAL PROJECTS

Productvault | *ASP.NET Core, React, SQL, Azure*

- Developed a cloud-based repository hosted on Azure for managing Delta IABG product data.
- Enabled updates for DIA Selector; implemented price updates, product image uploads, catalog DDF file support.

DIASelector | *ASP.NET MVC, SQL Server, Azure, Razor, JQuery, Telerik UI*

- Built a tool to search, compare, and select Delta's automation products efficiently.
- Integrated BOM generation, email feature, accessory suggestions, and documentation download.