

AISHWARYA EA

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Portfolio

Full-stack software engineer with 6+ years of experience building scalable web applications and backend systems using Python, .NET Core, React.js, and Node.js. Experienced in integrating AI and LLM solutions on Azure and OpenAI to automate and enhance developer workflows.

PROFESSIONAL EXPERIENCE

6 Years

SENIOR ANALYST - DevOps Engineer | TE CONNECTIVITY

JUNE 2024 - Present

Fullstack Developer

- **Architect** and develop multi-threaded, asynchronous full-stack AI applications using .NET Core, Python, React.js, MySQL, and Azure, following **Clean Architecture** principles.
- **Lead** design and implementation of an AI-powered automated document processing system leveraging OpenAI, Azure **LogicApps**, and Azure Document Intelligence, improving performance by 35% with measurable accuracy gains.
- Integrate and deploy **AI models and LLM APIs** into production, enabling automation of document classification and data extraction workflows.
- Collaborate cross-functionally with Data Engineering, Infrastructure, and Leadership teams for seamless AI product integration and continuous delivery.
- Build and maintain **REST APIs**, backend **microservices**, and database models using Entity Framework, Python, and MySQL, ensuring scalable and maintainable data access patterns.
- **Optimize** deployment pipelines in **Azure DevOps** for high-availability environments and continuous model updates.
- Current AI solution is adopted globally across **900+ enterprise customers**, underscoring business impact and scalability.

Achievements: "Key Contributor Award" - Awarded by TE Connectivity for achieving global product adaptation.

Certifications: "Introduction to MCP Servers using Claude" - Anthropic Academy

SYSTEMS ENGINEER | TATA CONSULTANCY SERVICES

2020 - MAY 2024

Lead Frontend Developer

- Develop and lead a large-scale, customer-facing web application for an airline domain that saw a **45%** increase in user engagement, using **React JS** and **Redux**.
- Develop web-based SaaS applications using **Node.js**, **Typescript** and frameworks like **Express** and deploy on **Lambda**.
- Create reusable components and widgets in React, reducing code redundancy and increasing code optimisation.
- Enhanced unit testing coverage to **90%** leading to a **35%** decline in production bugs using **Jest** and **Enzyme**.
- Manage CI/CD system in **DevOps** for a 10-person development team using AWS EC2, GitHub CI, Adobe AEM and Kubernetes.
- Guide and mentor junior developers in best practices and coding standards in a 25-member unit.
- Collaborate with 10+ team members to develop the websites of **150+ customers** using HTML/CSS, and Javascript in AU, EU, and US regions.
- Key role in project planning, scoping, and resource allocation, contributing to successful project outcomes with a 95% customer satisfaction rate.

Achievements: "Best Team award" - Awarded by TCS for achieving high customer satisfaction and increased revenue.

Certifications: "Complete React Developer 2023" - Udemy

TECHNICAL SKILLS

Frontend	:	React.js, Angular, Next.Js, Javascript, HTML, CSS, Sass, Bootstrap, JQuery, REST API, JSON
Backend	:	Node.js, .NETCore, Python
DB	:	MySQL, MongoDB, Firebase
DevOps	:	GitHub Actions, Docker, Kubernetes, Git, Jenkins, AWS, Azure
Tools	:	VS Code, Visual Studio, GitHub, Bitbucket, JIRA, SAP BAPI, SAP Order Creation, Azure Logicapp

PROJECTS

Fullstack

- Fully functioning **e-commerce application** built with **React.js**, **Sass**, **Firebase** and **Stripe API** - [View live](#)
- A Netflix Clone **application** with authentication built using **React.js**, **Tailwind CSS**, **Firebase**, and **Movies DB API** - [View live](#)

Frontend

- Landing page inspired by Apple's website implemented with **HTML**, **CSS**, and **Javascript** - [View live](#)
- Personal portfolio website made using **HTML**, **CSS**, **Javascript**, **Email JS** - [View live](#)

EDUCATION

- **Amrita Vishwa Vidyapeetham University, Coimbatore, Tamil Nadu**
B.Tech, Electronics and Instrumentation Engineering (EIE)

2019