

Anuradha Ramchandran

260-804-3492 | ramchandrananuradha@gmail.com | [linkedin.com/in/anuradha-suresh](https://www.linkedin.com/in/anuradha-suresh) | [Portfolio](#)

TECHNICAL SKILLS

Programming Languages: C#, Python, Java, JavaScript, TypeScript, CSS, HTML

Technologies: ASP.NET, Django, Entity Framework, Express.js, FastAPI, Flask, LangChain, Next.js, Node.js, React.js

Databases and OS: Linux, MySQL, NoSQL (MongoDB), PostgreSQL, SQL Server

CI/CD, Cloud and Others: Azure DevOps, AWS (EC2, S3), Docker, Github Actions, Gunicorn, Nginx, RESTful APIs

EXPERIENCE

Software Engineer

September 2024 - Present

TUV SUD America

Remote

- Prototyped a conversational AI agent using Python, FastAPI, GPT 4.1 LLM and RAG, enabling natural language to SQL translation and improving client access to trend insights and summary analytics.
- Built web services to import and validate spreadsheet data using C#, ASP.NET MVC, and SQL stored procedures, automating manual workflows.
- Engineered backend features and report templates for the SMARTS App to enhance auditing for fire risk analysis.
- Set up CI/CD pipelines by configuring application pools and AI Agent Services on Azure for cloud-based deployments.

Software Developer, Intern

June 2023 – Aug 2023

Parker Hannifin

Buffalo, New York

- Engineered an internal web app to automate the printing of customer manuals using .NET Core and React, reducing printing and labour costs by 12%.
- Enhanced customer satisfaction by fine-tuning a customer service chatbot with the Meta Llama LLM on Hugging Face.
- Reduced SQL Server query latency by 800 ms by handling redundancies, missing data and using stored procedures.
- Partnered with customers to design components, improving user experience in the Customer Service Portal.

Software Engineer, Intern

Mar 2022 – May 2022

Cyient

Hyderabad, India

- Created a REST web service to automate data integration from client applications to SQL Server databases with .NET.
- Deployed and tested microservices using Azure DevOps pipelines and Azure App Services in a Scrum team.
- Decreased page loading times from 2 to 1.5 seconds by debugging application code in a pair-programming setup.

PROJECTS

DelishDish - A Recipe App | *Python, Django, React, AWS, Gunicorn*

July 2024

[GitHub](#)

- Designed and deployed a full-stack recipe platform for South Indian cuisine using Django REST Framework and React.
- Integrated Retrieval Augmented Generation (RAG) to provide personalized suggestions based on user queries.
- Configured Gunicorn and Nginx for production deployment on AWS EC2, with media storage handled via AWS S3.

ConvoNest – a Threads Clone | *Next.js, TypeScript, MongoDB, TailwindCSS*

June 2024 - Aug 2024

[Live Link](#)

- Architected a responsive web app with community features using Next.js, TypeScript, MongoDB and TailwindCSS.
- Implemented authentication with Clerk, added real-time updates and server-side rendering for optimized performance.

DONS 365 – Purdue Marketplace | *MongoDB, Express.js, Node.js, React.js, AWS*

Sept 2022 – Dec 2022

[GitHub](#)

- Developed a centralized student marketplace enabling secure listings, communication, and transactions.
- Designed UI components with React and Figma, and built a RESTful API backend with Node.js and Express.
- Deployed the system on AWS EC2 with static assets hosted on S3; implemented unit and integration testing with Jest and Cypress for high test coverage.

EDUCATION

Purdue University

Indiana, USA

Master of Science in Computer Science

May 2024

Dayananda Sagar College of Engineering

Bangalore, India

Bachelor of Engineering in Computer Science

May 2022