

Jagath K R

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FULL STACK WEB DEVELOPER

Highly motivated and adaptable **Full Stack Web Developer** with **2 years** of experience,in building scalable web apps and cloud-native solutions.Skilled in **Java, JavaScript, Node.js, React, Laravel, AWS DevOps, with strong exposure to FinTech**.Known for quickly understanding complex business logic and improving system performance. **Technology is never a barrier—I adapt fast, learn continuously, and thrive in dynamic environments**. Passionate about AI and FinTech, and eager to contribute to global, high-impact tech teams,Recognized for the ability to quickly analyze and implement complex business logic, improving system performance and user experience.

TECHNICAL SKILLS

Languages	: Java, JavaScript, TypeScript, Python, SQL, PHP, HTML5, CSS3
Frameworks and Libraries	: React.js, Next.js, Angular, Node.js, Laravel, jQuery
Cloud Platforms	: AWS (EC2, S3, Lambda, RDS, Aurora), Google Cloud Platform , Oracle Cloud Infrastructure
DevOps Infrastructure	: Docker, Kubernetes, Terraform, AWS CloudFormation, Jenkins, GitHub Actions
Version Control	: (Git,GitHub,GitLab)/ Databases -[MySQL, PostgreSQL, MongoDB, AWS Aurora, GCP BigQuery]
Emerging Tech	: Blockchain (Solidity, Web3.js), AI/ML (Foundations + practical interest)

EXPERIENCE

Finfolab Technology

Full Stack Developer

Nov 2023 – CURRENT

Himagiri Medows, Bangalore

- Led the **TradeAction** project, managing the **design and development of the option strategy screen**. Focused on enhancing user experience, streamlining table RMD processes, and optimizing data management for improved application efficiency.
- Managed the **signal transaction application**, enabling automated signal generation for clients. Resolved backend issues for seamless performance and set up **cloud infrastructure** for UAT, optimizing performance and scalability.
- Proficient in **React.js, Angular, Node.js, JavaScript, PHP**, with hands-on experience in **MySQL/SQL** for managing trading strategies and equity symbols within the platform.
- Continuously researched and implemented **cutting-edge practices in algorithmic trading, fintech, and cloud computing, driving platform** innovation and reliability.

Cognizant Technology Solutions

AWS Data AIA

Feb 2023 – Aug 2023

Internship – Chennai,India

- We developed a robust and efficient **Extract, Transform, and Load (ETL)** process leveraging multiple AWS services to streamline data integration and analysis for a large-scale enterprise.
- By combining the power of AWS Glue, AWS RDS, AWS SQL, Step Functions, and Automation for AWS Lambda, we achieved a scalable and cost-effective solution to process vast amounts of data and deliver actionable insights.
- Our ETL process project, built on **AWS Glue, AWS RDS, AWS SQL, Step Functions**, and Automation for AWS Lambda, showcased the power and flexibility of cloud-native solutions in handling complex data workflows.
- Assisted in the development of cloud-based solutions using **AWS and Azure**, gaining hands-on experience with various cloud services and architectural patterns.

EDUCATION

Muthayammal Engineering College-[B.E]

Bachelor of Science in Computer Science [CGPA-8.2]

Salem, Tamil Nadu, India

Aug 2019 – May 2023

Shri Vidhaya Bharathi Matric Higher Secondary School-[H.S.C]

Computer Science [67 Percentage]

Salem, Tamil Nadu, India

jun 2017 – may 2019

Nalandas Matric Higher Secondary School-[S.S.L.C]

State Board [84 Percentage]

Salem, Tamil Nadu, India

jun 2015 – may 2017

PROJECTS

Project 1: AlgoEvent AI Recommendation System

Laravel, PHP, AWS ETL, AI, MySQL

- * Developed a robust **AI-powered web application** using the Laravel PHP framework to deliver real-time stock market news and mutual fund recommendations.
- * Integrated AI models to analyze financial trends and provide **personalized investment suggestions** based on user behavior and market data.
- * Implemented an **ETL pipeline on AWS** to extract financial data from external sources, transform it for analysis, and load it into a MySQL database for rapid retrieval and reporting.
- * Optimized backend logic for **high performance and scalability**, ensuring real-time data delivery and responsiveness.
- * Enabled secure user access, personalized dashboards, and role-based functionality for investors and analysts.

Project 2: Crypto Wallet DApp

Next.js, Node.js, Solidity, MetaMask, Sepolia Testnet

- * Designed and developed a secure and intuitive **Decentralized Application (DApp)** enabling users to connect their **MetaMask wallet** and perform **Ethereum transactions**.
- * Built the **frontend using Next.js** and the **backend with Node.js**, delivering a seamless interface for blockchain interactions.
- * Wrote and deployed efficient **Solidity smart contracts**, optimized for gas usage, security, and error handling.
- * Tested Ethereum transactions using the **Google Sepolia test network**, simulating real-world use cases for validation and reliability.
- * Managed collaborative development and version control through **GitHub**, ensuring code integrity, CI readiness, and deployment traceability.

Project 3 : AI Survey Builder Application

Next.js, Node.js, MongoDB, EC2, Apache2, GitHub

- * Developed a custom **AI-powered form and survey builder** enabling admin and users to generate tailored survey forms dynamically.
- * Built the **frontend using Next.js** and **backend using Node.js** for efficient rendering and RESTful APIs.
- * Implemented secure authentication and role-based access for both **admin and user panels**.
- * Used **MongoDB** for flexible document storage and dynamic form schema management.
- * Deployed the application on **AWS EC2** instance with **Apache2** as the web server and configured a **custom domain using Hostinger**.
- * Maintained version control and collaborative development using **GitHub**.

Project 4

AI-Powered Stocks And Financial News Research Tool

- * Designed and developed a user-friendly research platform leveraging **LangChain, OpenAI embeddings** and **FAISS** for efficient financial data retrieval.
- * Built a Streamlit-based interface for intuitive user interaction, enabling real-time **Q and A** with source references.
- * Implemented features for URL input and automated processing using **UnstructuredURL Loader**, persistent indexing with FAISS, and embedding generation via **OpenAI API**.
- * TStreamlined deployment and ensured maintainability with **Streamlit** and **Python**.

CERTIFICATIONS

- Coding Ninjas:Career Camp-Data Structures in JAVA
- Google Certified:Google Data Analyst
- AWS Certified:AWS Certified Cloud Practitioner