Mayur S. Koladiya

+91-9727291020

mayurkld@gmail.com

Objective:-

Achieve professional excellence by contributing significantly in the growth of the organization with my knowledge and skills.

Summary:-

With 5 years of extensive experience in designing and developing full-stack applications, I have specialized knowledge in SOA and related technologies, microservices architecture, web services, and restful services. My expertise lies particularly in Node.js and Python for web development and web scraping.

I excel at building scalable and high-performance applications.

I am self-driven, possess excellent communication skills, and work well in team environments.

Willingness to Relocate

Open to relocating to Germany for professional opportunities. Fully prepared to adapt to new environments and committed to contributing to a dynamic IT company based in Germany.

Work Experience	
Synoris Information Systems Pvt Ltd	October 2023 to till date
TatvaSoft	May 2023 to Jun 2023
Maccius solutions llp	September 2022 to December 2022
Sarvadhi Solutions Pvt. Ltd	May 2022 to July 2022

Technical Skills	
Programming Language:	Node.js, Python, Java, React
Server Side Technologies:	Microservices, Socket.io
Node Features	Collections, Concurrency API, Enums, Streams, Microservices
Front-end Technologies	HTML, Javascript, AJAX, Jquery, CSS
Scripting Language:	Shell Scripting
Web application Security:	Firewall setting, API Gateway, cognito aws
Databases / RDBMS:	MongoDB, PostgreSQL, Oracle 10, MS-SQL Server 2000, MySQL, Sybase, DB2
Application/ Web Servers:	Weblogic, Apache Tomcat, JBoss, Nginx
Monitoring Tools:	Jmap, NMAP
Technical Concepts:	DBMS, Networking, OOPS, Data structures
Software Methodologies:	Agile(SCRUM), waterfall

Project 1	
Project Name	Shipeasy - digital freight forwarding

Organization	Synoris Information Systems
Duration	2nd October 2023 to till date
Team Size	12 - (9 Fronted, 1 Backend, 2 Tester)
Roles and Responsibilities	• Develop RESTful APIs to enable seamless communication between the frontend and backend. • Integrate third-party services (e.g., whatsapp chat, payment gateways, shipment tracking systems) as needed. • Development, deployment and support • Coordinate with vendors regarding business requirement and quality of code • Ensure data integrity, implement indexing, and optimize queries for performance.
Methodology	Scrum (daily meetings, Sprint planning, review)
Technology stack	Node.js, Azure Devops, AWS Cognito
Description	Shipeasy is a cutting-edge digital freight forwarding platform designed to streamline the process of transporting cargo and containers from one location to another. Leveraging advanced technology and robust backend architecture, Shipeasy offers a seamless, efficient, and secure solution for businesses and individuals involved in logistics and supply chain management.

Project 2	
Project Name	Stock Data API
Organization	Personal Project
Duration	December 2022 to May 2023
Client	Local Stock Brokers
Team Size	1
Roles and Responsibilities	• Designed a scalable and reliable system architecture. • Developed robust web scraping scripts for accurate stock data extraction. • Built secure RESTful APIs using Flask to serve real-time stock data. • Efficiently managed data storage and implemented caching mechanisms. • Optimized performance and ensured high availability. • Implemented security best practices and ensured legal compliance.
Methodology	Scrum (daily meetings, Sprint planning, review)
Technology stack	Flask, MongoDB, AWS Codecommit, AWS Cognito, Load Balancer
Description	I developed a robust real-time stock data API using Flask, leveraging web scraping to extract accurate and up-to-date stock information from various financial websites. The system architecture is designed to be scalable and reliable, ensuring high availability and efficient data management with implemented caching mechanisms. Security best practices and legal compliance were prioritized throughout the development process.

Project 3	
Project Name	Student Rank Analytics
Organization	CSPIT - Charusat
Duration	May 2022 to November 2022
Team Size	1
Roles and Responsibilities	• Utilized Flask for backend development, leveraging its asynchronous capabilities and extensive library support to handle web scraping tasks efficiently. MySQL was chosen as the database to store and manage structured ranking data, offering scalability and flexibility in data retrieval and storage. • Integrated with Azure Repos for version control and Azure Pipelines for continuous integration and deployment (CI/CD), ensuring robust development workflows and seamless deployment of updates to the application. • Developed the frontend using React.js, enabling a responsive and intuitive user interface for visualizing students' rankings, historical trends, and performance metrics.
Methodology	Scrum (daily meetings, Sprint planning, review) with faculties
Technology stack	React, Python Flask, MySQL
Description	Created a comprehensive analytics application to monitor and track students' rankings across prominent coding platforms like LeetCode, HackerRank, and CodeChef. The application utilizes web scraping techniques to extract daily rankings of students, offering real-time updates on their performance and maintaining a historical record of their rankings over time.

Project 4	
Project Name	WallCraft Wallpaper App
Organization	Personal Project
Duration	January 2021 to till date
Client	Android Users
Team Size	1
Roles and responsbilities	• Design the overall architecture for the Wallcraft app, ensuring scalability and reliability to handle a large number of wallpapers and users. • Implement a robust backend using PHP and MySQL to manage wallpaper data and user information. • Develop the Wallcraft app for Android using Java, ensuring a smooth and responsive user experience. • Integrate features such as browsing, searching, and downloading wallpapers.
Methodology	Waterfall model
Environment	JAVA, xml, Php, MySQL
Description	I developed Wallcraft, a wallpaper app for Android that offers unlimited wallpapers with a paid subscription model, using Java, PHP, and MySQL. The app features a scalable and reliable architecture, allowing users to browse, search, and download a vast collection of wallpapers. A robust backend, implemented

	with PHP and MySQL, manages wallpaper data, user information, and subscription details. Secure payment processing and user authentication ensure a safe experience. The app is optimized for performance, providing fast loading times and smooth navigation. Comprehensive documentation, thorough testing, and regular maintenance ensure reliability and user satisfaction. Continuous improvements are made based on the latest trends and user feedback.

Project 5	
Project Name	Car Parts Data - API
Organization	Personal Project
Duration	Jun 2020 to February 2021
Client	Local Garages
Team Size	1
Roles and responsbilities	• Design a scalable and reliable architecture for the Car Parts Data API to handle a large volume of data and requests from local garages. • Implement a robust backend to manage car parts data efficiently. • Develop RESTful APIs to provide local garages with easy access to car parts information. • Ensure the APIs are well-documented, secure, and easy to use for external developers. • Design and maintain a database to store detailed information about various car parts.
Methodology	Scrum (daily stand-ups, Sprint planning, review , Backlog Grooming)
Environment	Python, Firebase
Description	I developed a Car Parts Data API to provide local garages with easy access to comprehensive car parts information. The API features a scalable and reliable architecture, ensuring fast response times and high availability. A robust backend and efficient database management support large volumes of data, while secure and well-documented RESTful APIs facilitate easy integration. Security measures and compliance with data protection regulations are prioritized, and continuous improvements are made based on user feedback

Academic Details			
Bachelor in Information Technology	CSIPT, Charotar University of Science and Technology (CHARUSAT), Anand	2024	9.0/10
Diploma in Computer Engineering	BBIT, Anand, Gujarat Technological University	2021	9.3/10
Senior Secondary, 10th Matriculation	MVVS, Surat, Gujarat Secondary and Higher Secondary Education Board	2019	83/100

Awards:

- **Technical Coordinator, Executive Central Council Members, 2023**
    - Selected for the prestigious role of Technical Coordinator for the Executive Central Council Members at Charotar University of Science and Technology. Demonstrated exceptional technical skills and leadership abilities, contributing significantly to the council's objectives and activities throughout the year.

I hereby declare that the information given above is true to the best of my knowledge and belief.

Date: 11/07/2024 (**Mayur S Koladiya)**