VISWANATHAN L

Python Developer

Relevant Experience: 13 years

**CAREER OBJECTIVE**

Utilize my skills and knowledge productively by involving innovations and creativity to grow with the organization and to gain additional knowledge.



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🕿9551830381

📅 30-03-1990

📍 175, Ramapuram, Karunagaracheri,

Thiruninravur, Chennai -602024.

 B.E (Mechanical)

CAREER TIMELINE:

2007

2005

SSLC

HSC

2010

Diploma in Mechanical Engineering (TOOL & DIE)

*MURUGAPPA POLYTECHNIC COLLEGE*

2011

2013

2017

2018

2022

2025

Present

6 months gap wait for results and joining formalities

**Renault Nissan Technology & business center**

Trainee*-* CAE- CFD - model building And Automation

(C++/Python)

**Renault Nissan Technology & business center**

Project Lead*-* CAE – Automation (Python) shift-2

BE (Mechanical Engineering)

*Anna University- MIT campus*

**BETA CAE Systems/Xitadel Technologies**

Senior CAE analyst- Process Automation & Technical support (Python)

**Ford Technologies /Payroll: Sathyam venture**

Automation Lead - Automation and Application development (Python, VBA, Java script)

**Cholamandalam Finance Services**

Senior manager - Web development and API services

(Python, AWS, Java script, RDBMS)

**Infosys**

**References:**

Linkedin: www.linkedin.com/in/viswanathanl/

Website: [www.visandreams.wix.com/automations](http://www.visandreams.wix.com/automations)

GitHub: github.com/viswavisan

\* No major Gaps for education and career

\* Started career after Diploma completion and completed Full time Graduation in parallel

\* PF details available for all mentioned experience

**Industry**

* Automobiles, Finance

**Functional**

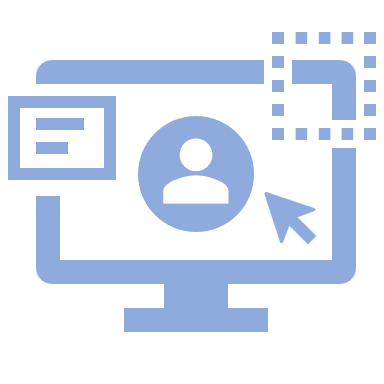
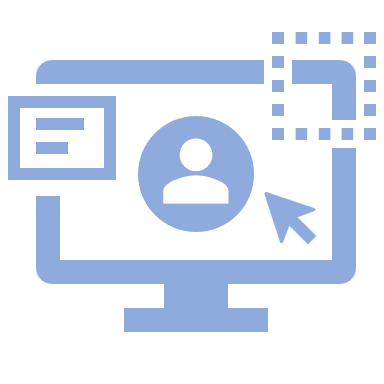
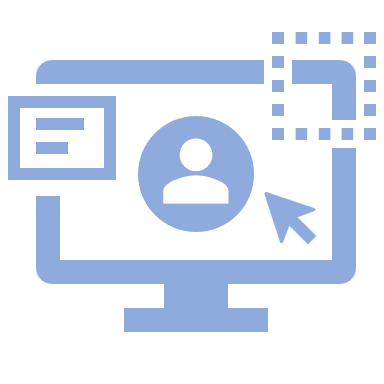
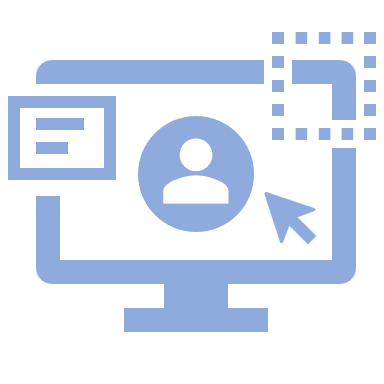
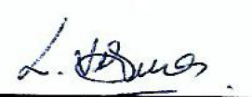
* Architecture & Design
* API & UI Design
* Testing & Quality Assurance
* Front-End Development
* Back-End Development
* Database Management
* DevOps & Deployment
* Demo For UAT
* Production Release Preparation

**Tools**

* Jira, Git, VS code, Sonar, Jenkins, Docker, Kubernetes, Grafana, AWS

**Other Skills:** VBA, Java script, React, Embedded, SQL admin

* **End-to-End Project Delivery** | Successfully led and delivered multiple full-stack web applications and desktop applications from planning and design to deployment and maintenance, ensuring scalability, performance, and user-centric design.
* **Front-End Expertise |** Designed and implemented modern, responsive user interfaces, interactive UIs using HTML5, CSS, JavaScript, and Fast API Framework. Also created multiple Desktop applications using VTK and pyqt for 3D rendering and simulation.
* **Back-End Expertise |** Implemented FastAPI to build robust RESTful APIs, enabling efficient backend logic and seamless data exchange.
* **Database Design & Integration |** Designed and optimized MySQL databases; implemented complex queries, data modeling, procedures, secure data handling and analytics support and indexing strategies for high performance.
* **Security & Compliance** | Implemented authentication (AES), data encryption, and secure coding practices, particularly within compliance-heavy domains. Led vulnerability assessments and secure code reviews,
* **Leadership & Collaboration** | Worked in Agile teams, leading sprint planning, code reviews, and daily standups, collaborating with designers, QA, and product managers to align development with business goals, acted as a bridge between technical and non-technical teams, translating complex technical concepts into actionable insights for executives and business leaders, conducted sprint and UAT demos for Business users.

**Key Projects Highlights** 

**Project: Automation-** BETA CAE SYSTEMS*(24-Oct-2016 to 29-Jun-2018)*

ANSA Automation and plugin development

**Responsibilities:**

Beta CAE Systems is a CAE software provider for the automobile industry. My contributions to the organization include collecting application issues and providing solutions for clients. I was also involved in the development of solutions for the reported issues and worked on plug-in development for the application based on the needs of various industries. I utilized Python for all plug-in developments and provided training in **ANSA**, **META**, and **Python** to CAE engineers.

**Project: Product simulation- ford** *(02-Jul-2018 to 20-jun-2022)*

The tool development for the combined application of 3D simulation, visualization and process integration

**Responsibilities:**

* Managed the entire automation support for the team, focusing primarily on automation for pre-processing, simulation, and post-processing in CAE applications using Python.
* Contributed to the development of process automation using PyQt5 and report automation using VBA and JavaScript (server less applications).
* Acted as a Python trainer for the team.

**Technologies: pyqt5, python, HTML, CSS, Javascrpt, VTK, MySQL, pyinstaller.**

**Project: Partner portal- Api services- Cholamandalam** *(27-jun-2022 to 30-Apr-2025)*

The business requirement was to create application for the loan journey

**Responsibilities:**

* Technical lead of the entire team and guide them to meet the project goals and objectives
* Support and coach peers and juniors as and when required on specific technical competencies required to deliver on the assigned tasks
* Review and integrate all application requirements, including functional, security, integration, performance, quality, and operations requirements
* Collaborated with entire team including PO, Architects, developers, testers and client teams for backlog grooming, sprint planning & deliverables and sign-offs.
* Test case / code PR review
* Designed and integrated Rest API’s following best practices, ensuring high scalability and security.
* Developed backend APIs, frontend interfaces, and data management

**Technologies: Postman, Vs code, Copilot, Git, Jenkins, SonarQube, Sonar Lint,Fast API,Python, Jira.**

**Project: AI integration-** Infosys*(08-May-2025- Present)*

Gen AI development

**Responsibilities:**

**DECLARATION**

I Viswanathan. L, the above furnished statements are correct and true to the best of my knowledge.

Date:

Place: Chennai. (Viswanathan. L)