

Software engineer with an Information Technology background and a practical, collaborative approach to problem-solving. As a Senior Engineer – Development specialising in Pricefx, I combine pricing knowledge, hands-on development and solution design to build enterprise pricing solutions and guide delivery from requirements through production and support.

Professional Experience

Senior Engineer – Development | Applexus Lavendel

Jun 2025 – Present

Responsible for solution architecture and technical delivery since Aug 2025.

- Led a North American pricing implementation from requirements through production and support handover, completing delivery in Oct 2026.
- Connected price setting, cost and margin calculations, simulations and approvals, including integration with a Python pricing engine.
- Own solution decisions and serve as the primary technical contact for a building-products engagement, translating business requirements into customer pricing, costing and approval workflows.
- Coordinated dependent and parallel pricing calculations so downstream exports run only after the required calculations finish.
- Optimise Key-Value (KV) databases, data models, queries and pricing calculations to improve processing efficiency and support reliable production performance.
- Reduced production pricing approval and follow-on processing time by 99.3%, from 16.5 hours to under seven minutes.
- Guide implementation, testing, release preparation and technical documentation alongside business analysis, QA and project management.

Configuration Engineer | Lavendel Consulting

Apr 2024 – Jun 2025

- Developed core capabilities for a legacy-to-Pricefx migration, including transfer-pricing and price-list calculations for regional business rules, cost factors, currency conversion and rounding.
- Automated price-list generation, imports, overrides and approvals; built product-data validation and analyst dashboards to support controlled pricing updates and review of calculation results.
- Built reusable Groovy components and resolved functional and performance issues through development, testing and production releases.

Junior Configuration Engineer | Lavendel Consulting

Aug 2023 – Apr 2024

Consulting engagement

- Built Pricefx forms, validation rules and reports in Groovy; maintained product and pricing data used in calculation workflows.
- Investigated defects, implemented corrections and supported migration testing and release preparation.

Migration programme across the roles above: Aug 2023–Aug 2025, delivered through **three production phases**.

Graduate Engineering Trainee | LTIMindtree

Feb 2023 – May 2023

- Completed internship training and practical work in Java, MySQL, HTML, CSS and JavaScript.

Certifications & Training

Pricefx Certified Configuration Engineer

Sep 2024

Credential ID: 00441

Complete Python Developer in 2022: Zero to Mastery | Udemy

Feb 2022

Complete JavaScript Course | Udemy

Jun 2023

Pricefx & Technical Expertise

Pricefx Modules	All Pricefx Modules: Price Setting, Quoting, Agreements & Promotions, Rebates, Analytics & Dashboards, Optimization, Sales Compensation and Channel Management.
Pricing & Design	Transfer Pricing, Customer Pricing, Cost and Margin Logic, Simulations, Custom Forms and Approvals.
Data & Performance	Key-Value (KV) Databases, Data Modelling, Database and Query Optimisation, Calculation Performance Tuning.
Engineering & Delivery	Groovy, Python, SQL/MySQL, Git, Jira, CI/CD, Systems Integration and Workflow Orchestration.
Additional Skills	Java, JavaScript, HTML/CSS, C and C++; Languages: English, Hindi and Tamil.

Education

Panimalar Institute of Technology | Anna University

Aug 2019 – Jul 2023

Bachelor of Technology in Information Technology

Academic & Personal Projects

Handwritten Digit Recognition | Python, IBM Watson — Built a digit-classification application with a drawing interface.

Discord Encouragement Bot | Python, APIs — Built a hosted bot with quotation API integration, commands and message responses.

Hand-Tracking Ping-Pong Game | Python — Built camera-based paddle controls, two play modes and live scoring.

Social Fingerprinting | Java, MySQL — Applied behavioural patterns and digital DNA to social-media spambot detection.