

Tushar Vikram

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Computer Science student with hands-on experience building software tools, automating spreadsheets, supporting insurance workflows, and working directly with customers. Strong at organizing messy information into clean systems, using technical tools to improve real operations, and communicating across English, Italian, Punjabi, and Hindi.

EDUCATION, AWARDS & LEADERSHIP

Modesto Junior College - Computer Science Major

Transfer: Fall 2026

- Winner, H2O Hackathon of San Joaquin 2026
- Vice President, MJC CIS Club 2026; Mentor & Project Lead at MJC
- Relevant coursework: C++ Programming, CS fundamentals, Calculus, Physics, Chemistry

TECHNICAL & BUSINESS SKILLS

Programming: Python, C++, JavaScript, Node.js, Express, HTML/CSS, SQLite, Git/GitHub

Data & Automation: Excel, Google Sheets, XLSX workbooks, formulas, data validation, CSV imports, QuickBooks/SaaSant prep

Operations: Insurance data entry, customer service, POS, inventory, workflow documentation, RingCentral

Languages: English, Italian, Punjabi, Hindi

SELECTED TECHNICAL PROJECTS

Best Fleet Care - Full-Stack Fleet Maintenance Platform

2026

- Built a Node.js/Express/SQLite platform for fleet units, maintenance jobs, inspections, parts, tools, users, sessions, and permissions.
- Designed for real trucking workflows with role-based access, audit logging, service tracking, and structured operational data.

Chem101 Visualizer - 3D Molecular Geometry Tool

2025

- Python/RDKit and 3Dmol.js tool visualizing 18 molecules with VSEPR geometry, polarity, weight, bond angles, and lone pairs.
- Used manual geometry overrides and vector logic to improve accuracy for shapes such as PCl_5 , SF_4 , ClF_3 , XeF_2 , and XeF_4 .

Graphing Calculator - Function & Derivative Visualizer

2025

- Plots functions with first and second derivatives and the tangent line at a chosen point to make calculus concepts visual.

WORK & VOLUNTEER EXPERIENCE

Business Systems & Automation Support - C Line INC

2025-2026

- Built spreadsheet tracking systems for loads, invoices, payments, and dispatch status across trucking and office workflows.
- Prepared import-ready CSV files for QuickBooks/SaaSant and standardized business records for faster review.

Data Operations Volunteer - Seva Hospice

2026

- Entered and cleaned operational data; created XLSX sheets with formulas, automation logic, filters, and color-coded tracking.

Insurance & Office Operations Support - Farmers Insurance

2026

- Supported office workflows through client information entry, document organization, and coverage-related intake.

Sales & Phone Repair Associate - Tyfar Inc

2026

- Sold accessories, performed basic phone repair support and screen-protector installations, handled fast customer interactions.

Store Operations Assistant - Spice Mart & Deli

2023-2025

- Handled POS, customer service, inventory support, pricing, and vendor coordination in a busy retail environment.