

Calvin Nicholas Moldenhauer  
Full Stack Software Engineer  
Monterey, California 93940  
831-521-5704 | Calvickauer@gmail.com | [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

## SUMMARY

Dynamic and results-driven Full Stack Software Engineer with a strong track record in delivering innovative, high-performance software and hardware solutions. Demonstrated success in optimizing system performance, significantly boosting sales and engagement, and improving operational efficiencies through technology integration. Experienced in leading collaborative teams, leveraging advanced Generative AI techniques, and continuously driving innovation and excellence.

## TECHNICAL SKILLS

- **Languages:** HTML, CSS, Python, JavaScript, TypeScript, Bash
- **Frameworks & Libraries:** React, NodeJS, Express, Bootstrap, Django, PyQt5, Next.js, Flask
- **Databases:** MongoDB, SQL, SQLite, PostgreSQL
- **Tools & Platforms:** Docker, Kubernetes, Git, GitHub Actions, AWS, Google Cloud, Azure, Raspberry Pi, Linux (Ubuntu, Debian), VS Code, IntelliJ
- **Visualization Tools:** Tableau, Power BI, Matplotlib, Chart.js
- **AI Technologies:** Codex, Operator, ChatGPT Pro, Model Context Protocol (MCP), OpenAI APIs, Ollama, Hugging Face, LangChain
- **Development Practices:** Agile Methodologies, CI/CD Pipelines, RESTful APIs, GraphQL, Microservices
- **Languages Spoken:** English (Fluent), Russian (Intermediate), Spanish (Intermediate)

## PROFESSIONAL EXPERIENCE

**Virtuoso Motorsports** | Track Support Mechanic | Monterey, CA | 2023 – Present - Provided comprehensive trackside mechanical support during competitive racing events. - Maintained optimal performance and safety standards, significantly enhancing vehicle reliability. - Collaborated with drivers to fine-tune vehicle setups for maximum race efficiency.

**SP Motorsports** | Track Support Master Technician | Hayward, CA | 2016 – 2020 - Led vehicle homologation efforts, reducing setup times by 15% across various racing conditions. - Increased overall team productivity by 20% through improved training programs and streamlined processes.

**C&C Repair** | Master Technician | Monterey, CA | 2010 – 2019 - Achieved a 30% improvement in profitability through enhanced inventory and quality control processes. - Significantly boosted customer satisfaction through efficient diagnostic and repair methodologies.

**Competition Motorsports** | Track Support Master Technician | Los Angeles, CA | 2015 – 2016 - Maintained peak performance of racing vehicles, provided critical analytics and performance coaching.

**Jerry Woods Enterprises** | Track Support Master Technician | Campbell, CA | 2010 – 2016 - Streamlined vehicle homologation processes, significantly reducing build times and enhancing performance tuning.

## SOFTWARE ENGINEERING PROJECTS

### Salinas Valley Medical Aesthetics

- Developed and launched a responsive WordPress website with an integrated e-commerce platform, achieving a 35% increase in sales within three months.
- Optimized site through strategic SEO, increasing organic web traffic by 50%.

### MomPi Assistant

- Engineered a sophisticated Raspberry Pi-based intelligent assistant using Generative AI.
- Developed a user-friendly PyQt5 interface featuring voice commands, interactive checklists, and chat management.

### Kandy's Payback

- Created an engaging HTML5 Canvas game utilizing responsive JavaScript techniques for enhanced user interaction.

### Pet Adoption Web Application

- Built a streamlined Express.js web application to improve local pet adoption rates and community outreach.

### Catch-A-Ride Web Application

- Developed a React-based rideshare application designed to encourage sustainable commuting and reduce carbon emissions.

### Face2Face Web Application

- Designed and implemented a Python-powered webcam chat application integrated with MongoDB to enhance user connectivity.

## EDUCATION

**General Assembly** | Remote | Certificate, Software Engineering Immersive | Dec 2022 - Intensive training program covering comprehensive full stack software development with real-world projects.

## ADDITIONAL TRAINING

**Generative AI Course** | General Assembly | Remote | 2023 - Gained advanced knowledge and practical skills in Generative AI methodologies and implementations.

**Generative AI Self-Study** - Continuously exploring and applying advanced Generative AI concepts to drive innovative solutions and strategic improvements.