SHREYAS MALVADKAR

linkedin.com/in/shreyas-malvadkar | me.shreyas.dev@gmail.com | +91-9850128014
Pune, Maharashtra

CAREER SUMMARY

Full Stack Developer skilled in **C#, .NET Core, EF Core, REST APIs**, and **microservices**, with frontend experience in **Angular and React**. **Proficiency in data-driven workflows**, MQTT integration, database design, performance optimization, and building scalable industrial and web applications.

Developed important modules of the **sfHawk product** including Traceability, SPC, Production Planning Calendar and maintenance, while collaborating with QA, PMs, domain experts, and machine operators to align features with real manufacturing needs. Contributed to resolving production issues across client sites and received recognition for integrating Bluetooth gauges into the product. Also helped modernize the platform by upgrading legacy **.NET Framework** components to **.NET Core** for improved reliability and performance.

TECHNICAL SKILLS

Languages: C#, JavaScript, TypeScript, SQL
Frameworks & Libraries: .NET Core 5 (Web API), .NET Framework, Entity Framework, Angular, React.js, Express.js
APIs & Integrations: REST APIs, MQTT (Mosquitto), Windows Services, Serial Communication, Swagger/OpenAPI
Databases: MongoDB, MySQL, Query Optimization, Indexing, Redis (Caching), Database Upgrade Mongo Shell Scripts
DevOps & Cloud: Git, GitHub, IIS Deployments, AWS EC2, Production Deployments & Release Coordination
AI & Developer Tools: Cursor AI, GitHub Copilot, OpenAI API, Claude
Security: JWT Authentication, Role-Based Authorization
Practices: Agile/Scrum, Code Reviews, Requirement Analysis, Performance Optimization

PROFESSIONAL EXPERIENCE

sfHawk Solutions, Pune, Maharashtra   March 2024 – Current
Software Engineer
- Developed core modules of the manufacturing traceability system, enabling 100% automation via MQTT, Windows Services, serial, and Bluetooth integrations.
- Built SPC analytics workflows with 100% accurate defect detection, improving quality insights and reducing operator dependency.
- Enhanced the PPC module by integrating live production & OEE metrics, improving scheduling accuracy and visibility.
- Optimized CSV ingestion pipelines to achieve millisecond-level processing speeds for high-volume measurement data.
- Reduced operator workload by automating data flows across measurement stations and production points.
- Collaborated with QA teams, PMs, domain experts, and machine operators for requirement validation and workflow alignment.

- Upgraded legacy modules from .NET Framework to .NET Core, increasing performance and maintainability.
- DB Performance improvement using Indexing.
- Recognized for integrating Bluetooth gauge into the sfHawk product ecosystem.

The Tech Clan (TTC LLP), Pune, Maharashtra September 2023 – March 2024 *Junior Software Engineer*
- Designed secure REST APIs and responsive React components for a professional networking platform.
- Implemented authentication and role-based access using **JWT** and **MongoDB**.

EDUCATION

- **PG-DAC (Post Graduate Diploma in Advanced Computing)** – CDAC, Pune (Mar 2023)
- **B.E. Mechanical Engineering** – Solapur University (2019)

Seeking opportunities that offer broader technical exposure, challenging engineering problems, and strong career growth as a software developer.