PATOM THIRAWETCHAYAN

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QUALIFICATIONS PROFILE

- Proficiency in C#, HTML, CSS, and .NET Framework.
- Comprehensive academic background in quantitative analysis, statistics, and chemical testing techniques.
- In depth knowledge of HPLC, TLC, IR, Column Chromatography, and GC.
- Working practical knowledge in ICP, FTIR, Karl Fisher, Franz Cell, and fluids testing.
- Proven ability to maintain the highest levels of confidentiality and uphold the ethical standards of the laboratory.
- Bachelor's Graduate degrees in chemistry and biology.
- Dynamic communication, organization, prioritization, and relationship management skills.
- Exhibit dynamic follow-through, astute professionalism, and a stellar work ethic
- Capable of staying focused and maintaining a calm demeanor in high-pressure situations while exhibiting high quality, diplomatic customer / client services interaction—both in person and via telephone.

PROFESSIONAL EXPERIENCE

INOTIV (FORMERLY BIOANALYTICAL SYSTEMS INC.)   2018-2021
Analyst I
- Conduct sample analysis using HPLC, Karl Fischer.
- Conduct guided method development for HPLC analysis.
- Perform analyses and procedures in accordance with regulatory requirements as defined by protocol, method, standard operating procedure, and cGMP.
- Maintain highly accurate and comprehensive documentation in both electronic and paper formats.
- Identify and troubleshoot issues that may arise during the course of analysis.
- Troubleshoot and perform minor maintenance on HLPC systems and Karl Fisher Titration unit.

LOZIER FLUID MANAGEMENT   2016-2018
Chemist
- Perform daily, weekly, and monthly sampling, testing, and maintenance of fluids within systems and machines based on a variety of chemical properties.
- Sample and analyze incoming oil and test fuel to assure quality based on viscosity, specific gravity, and FTIR spectrum as applicable.
- Perform analysis on engine and machine oil samples for signs of deterioration using ICP and filter patches.

KING MONGKUT UNIVERSITY OF TECHNOLOGY THONBURI COLLABORATIVE DEVELOPMENT UNIT (CODE)   2013
Technical Research Assistant
- Perform technical research in areas relating to assigned projects and potential products.
- Serve as interpreter and liaison while exhibiting high quality diplomatic client relations.
- Facilitated the opening and closing of the store as well as given responsibilities of home department tasks including identifying recovery issues and resolving them.

Older Professional Experience Available Upon Request

EDUCATION

Software Development ELEVEN FIFTY ACADEMY   2022
Bachelor of Science in Chemistry PURDUE UNIVERSITY   2015
Bachelor of Science in Biology PURDUE UNIVERSITY   2011

SKILLS & CERTIFICATIONS

- 98-361:MTA: SOFWARE DEVELOPMENT FUNDAMENTALS
- **Languages/Libraries:** C#, ASP.NET, SQL
- **Cloud Technologies:** AZURE, GITHUB
- **CI/CD:** AGILE, SCRUM, GIT

- **Databases/ORM:**   SQL SERVER, RELATIONAL DATABASES, ENTITY FRAMEWORK
- **Web Technologies:** HTML, CSS, APIS, MVC, RESPONSIVE WEB DESIGN, BOOTSTRAP
- **Laboratory Instrumentation:** HPLC, FTIR, KARL FISHER, FRANZ CELL