PATOM THIRAWETCHAYAN

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QUALIFICATIONS PROFILE

- Dependable and self-motivated professional with 200 hours of theory and 500 hours of experience with C# software development.
- Proficiency in HTML, CSS, and .NET Framework.
- Comprehensive academic background in quantitative analysis, statistics, and chemical testing techniques.
- Proven ability to maintain the highest levels of confidentiality and uphold the ethical standards of the laboratory.
- Dynamic communication, organization, prioritization, and relationship management skills.
- Capable of staying focused and maintaining a calm demeanor in high-pressure situations while exhibiting high quality, diplomatic customer / client services interaction.

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

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 yielding high quality, repeatable results.
- 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 facilitating traceability and progress tracking.
- Identify and troubleshoot issues that may arise during the course of analysis to minimize down time.

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 minimizing down time.
- Sample and analyze incoming oil and test fuel based on viscosity, specific gravity, and FTIR spectrum as applicable smoothing downstream processes.
- Perform analysis on engine and machine oil samples for signs of deterioration using ICP and filter patches helping to maintain the highest standards quality.

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.
- Spearhead sourcing of necessary materials and services and serve as liaison harmonizing relations between parties.
- Serve as interpreter while exhibiting high quality diplomatic client relations to facilitate project advancement.