**Nikhilesh Kshirsagar**

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**TECHNICAL SKILLS**

**Languages: C#**, Java, Typescript, JavaScript, Python, Kotlin

**Databases:** SQL Server, MySQL, Oracle, MongoDB, SQLite, CouchDB, Elastic Search, Graph DB

**Frameworks and Libs:** ReactJS, AngularJS, .Net, Spring Boot, Nodejs, Jenkins, Jira, Django, PhoneGap

**Methodology**: REST API,Agile, System Design, Scrum, CI/CD, Design Patterns

**Tools and Platforms:** Azure, Docker, Kubernetes, Puppet, Ansel, OpenShift

**Soft skills:** Leadership**,** Mentoring Junior developers, Accountability

**WORK EXPERIENCE**

**Paychex,** *Software Engineer III |*Rochester, NY| **C# | ReactJS | MSSQL | .Net** *Jan 2022 to Current*

* Developed and maintained software products for Payroll and Human Resources using C#, .NET, Python, MongoDB, REST APIs, Microservices, and Azure, delivering scalable and secure enterprise solutions.
* Conducted comprehensive analysis and design for new features and program changes; authored technical design documents and contributed to requirement reviews to ensure alignment with business needs.
* Led the evaluation and adoption of a new tool-agnostic test automation platform to support cross-cutting tests across multiple services and technology stacks, improving testing flexibility and reliability.
* Created and maintained internal documentation by publishing detailed wiki articles in JIRA, enabling better knowledge sharing and smoother onboarding across teams.
* Provided technical support for production systems by troubleshooting, resolving issues, and responding to user queries, ensuring minimal downtime and high system reliability.

**Mindex (Paychex),** *Software Engineer II |*Rochester, NY| **Kotlin | Spring boot | Oracle | OpenShift** *Jan 2020 to Jan 2022*

* Built a modular automation suite using Docker, OpenShift, Kotlin, Spring Boot, Oracle, and Puppet, enhancing deployment consistency and system scalability.
* Developed REST APIs in Kotlin with Spring Boot to manage test execution, and implemented a Kafka-based queuing system to ensure reliable and orderly test processing.
* Enhanced platform resilience by implementing failover mechanisms and a dynamic rerouting algorithm, resulting in improved uptime and optimal resource usage.
* Authored detailed system architecture and design documentation, and presented feature updates to stakeholders, improving team alignment and onboarding efficiency.

**Complemar Partners,** *Software Engineer |*Rochester, NY| **C# | VueJS | MSSQL | .Net | ASP.Net** *Aug 2017 to Jan 2020*

* Developed logistics and warehousing software using reactive functional programming with .NET MVC, SQL Server, and VueJS, delivering robust customer-facing websites and seller platforms.
* Designed and implemented a packaging station and print management feature, reducing warehouse packing time and increasing operational productivity.
* Integrated external systems including QuickBooks, Channel Advisor, and Seller Cloud, enabling seamless order import and fulfillment for customers.
* Built integrations with third-party shopping platforms such as Amazon, Shopify, WooCommerce, Volusion, and Magento, enhancing compatibility and customer reach.
* Refactored a monolithic legacy application into modular microservices, significantly improving code maintainability and accelerating CI/CD deployment cycles.

**Response Care,** *Software Engineer intern |*Rochester, NY| **Java | PHP | Java script | Python** *Jun 2017 to Aug 2017*

* Developed and maintained embedded Linux software to enable data recording and real-time alert generation on nurse calling system devices, improving responsiveness in healthcare environments.
* Enhanced backend services by integrating web functionalities and adding new features using Java and PHP, increasing system reliability and user experience.

**Soft-Corner,** *Software Engineer |* Pune | **C# | Python | Nodejs | Django | PHP | PhoneGap** *Jan 2012 to June 2015*

* Developed Node Advisor, a platform for Node.js developers to search and evaluate Node modules by implementing Google’s PageRank algorithm using Node.js, Backbone.js, Express.js, MongoDB, and Elasticsearch.
* Built internal tools and web applications using Python and Java, leveraging frameworks and technologies such as Django, SQLite, and PhoneGap to streamline development and enable cross-platform deployment.

**EDUCATION**

**Rochester Institute of Technology | USA,** *Master of Science in Computer Science, 2018*