SWETHA PALAKOTI

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| Professional Summary |

Progressive software development team member with over 8 years of experience in designing, developing, and maintaining complex systems in an Agile environment with a strong focus on delivering scalable and efficient solutions to meet current and expected business/end-user needs.

* Strong hands-on understanding of software architecture principles, design patterns, and best practices with capability of designing and building software systems with high digital quality and sustainability.
* Proficient in a variety of programming languages, technologies, and development frameworks.
* Proficiency in managing and collaborating codebases with knowledge of branching strategies and code review processes.
* Strong communication to effectively collaborate with cross-functional teams, stakeholders, and clients to gather requirements, define project scope, and deliver high-quality software applications.
* Works effectively in high-pressure environments to meet challenging design standards and schedule targets. Troubleshooted and debugged issues in existing systems, providing timely resolutions to minimize downtime and ensure uninterrupted operations.
* Contribute to continuous improvement of code quality through code reviews, mentoring junior developers and maintenance of documentation of coding standards and best practices.
* Experience in utilizing Azure Repos, Azure Pipelines, and Azure Artifacts to manage CI/CD pipelines.

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| Skills |

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| * **Database technologies**: MySQL, MongoDB * **Cloud computing platforms**: Azure, Google Cloud Platform * **Web development frameworks**: jQuery, React.js, Express.js, Node.js, Angular, ASP .NET Core and MVC | * **Programming languages**: C#, Java, JavaScript * **Agile Project Management Tools**: JIRA, Confluence * **Version Control Systems**: Azure Repos, GIT |
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Education

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| * **Master of Science (M.S.)**   Management and Information Systems  Northern Illinois University, Dekalb, IL  USA  **April 2021** | * **Bachelor of Science (B.S.)**   Computer Science  Jawaharlal Nehru Technological University, INDIA  **April 2014** |

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| **Systems Developer** | **Illinois Interactive Report Cards, NIU**  **2021 – Current** |

Experience

* Design and develop educational data reporting tool through technological solutions to meet stakeholder or end users (typically instructors, administrative staff, researchers or policy makers and student families etc.,) needs.
* Integrate applications built using .NET MVC pattern with UI using jQuery and JavaScript to achieve event and error handling, validation to achieve dynamic web pages alongside interactive data visualizations using libraries like D3.js and Highcharts.js.
* Optimized development process with reusable coding components and templates for consistency, reducing the coding time by 25%
* Facilitate research and fact-finding to enhance or upgrade applications to keep up with new technologies.
* Troubleshoot and debug issues reported by end-users in existing systems, providing timely resolutions to minimize downtime and ensure uninterrupted operations.
* Developed and maintaining CI/CD pipelines on Azure for multiple applications, reducing deployment time by 70%.

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| **Senior Technical Member** | **CDK Global**  **2019** |

* Developed and maintained technical solutions and web applications, from initial concept to production deployment, using a combination of front-end and back-end technologies.
* Implemented responsive and user-friendly interfaces using HTML5, CSS3, and JavaScript frameworks like React.js.
* Designed and implemented RESTful APIs using C# for seamless communication between client-side and server-side components.
* Evaluated vendor products and services for potential integration.
* Enhanced user experience by integrating third-party services and APIs to extend application functionality.
* Achieved on time delivery of software iterations through collaboration with designers, product managers, and other stakeholders to prioritize features.

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| **Software Engineer** | **Prolifics Inc**  **2014 - 2019** |

* Developed different e-commerce applications using web-based technologies like Spring MVC, Spring Boot.
* Achieve responsive user interface design using jQuery/Angular.js, HTML5, CSS3 including CSS frameworks like Sass and Less.
* Implemented new features for software systems using a variety of programming languages like Java, JavaScript and frameworks including Node.js, React.js.
* Enhanced data security across platforms through the implementation of OAuth and JWT for user authentication.
* Accelerated application development by creating a sustainable Spring Boot application template with build automation configuration using Maven.