**VENKATESWAR REDDY KOTHAPALLY**

*Delaware, USA*

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AI-generated content may be incorrect.A person wearing glasses and holding a sign

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AI-generated content may be incorrect. **+1 (302)-430-6484** [**kothavenkatreddy97@gmail.com**](mailto:kothavenkatreddy97@gmail.com)[LinkedIn](https://www.linkedin.com/in/venkat-reddy-kothapally-a5900a288/)[**Portfolio**](https://atomsmasher97.github.io/PORTFOLIO_BRANCH/)

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| **EDUCATION** |  |

**Wilmington University** Jan 2024

Masters in IST Internet and Web-design New Castle,DE

**Coursework**: Data Structures & Analysis of Algorithms, Web Technologies, Machine Learning, Database Systems

**Annamacharya Institute of Technology and Sciences**  May 2018

Bachelors in Electronics and Communications Engineering Hyderabad, India

**Relevant Coursework:** Operating Systems, Computer Networks, Database Management Systems

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| **EXPERIENCE** |  |

* **CORTracker INC Dec 2024- Present**

**Role: .NET developer (Software Engineer)**

* Engineer, code, and test software solutions utilizing C# and ASP.NET, ensuring optimal performance and scalability.
* Work closely with software designs to create and implement scalable system designs, choosing suitable technologies, and defining system components.
* Diagnose and fix software bugs and performance issues using advanced debugging tools, maintaining high-quality application performance.
* Connect.NET applications with databases, third-party services, and APIs, and manage the deployment process for smooth installations and updates.
* Stay up to date with the latest advancements in the .NET framework and software development best practices, continually improving skills and application quality.
* **Squad Software May 2024 – Dec 2024**

**Role: Java Full stack developer**

* Collaborate with the team to define Java-based software requirements, ensuring alignment with client needs.
* Design and develop intuitive, user-friendly solutions for both frontend and backend using Java frameworks like Spring Boot, meeting company and client expectations.
* Maintain software applications professionally with version control and CI/CD pipelines for seamless updates.
* Conduct thorough testing pre-launch using frameworks like JUnit and tools like Selenium for both front-end and backend.
* Troubleshoot efficiently using debugging tools to minimize downtime.
* **Kube IT Aug 2023 – April 2024**

**Role: Software Developer**

* Collaborate with team members to determine the best practices and client requirements for software.
* Develop intuitive software that meets and exceeds the needs of the company.
* Analyze and test programs and products before formal launch.
* Aid and support the coaching and training of other team members to ensure all employees are confident in the use of software applications.
* **Amazon Development Center**  **Aug 2018 - June 2021**

**Role: SDS Associate(C)**

* Collaborated cross-functionally with Amazon's catalog and operations teams to ensure data integrity and compliance across multiple product listings.
* Participated in quality assurance checks and data normalization processes, maintaining high accuracy in product detail pages.
* Flagged and resolved catalog defects by identifying systemic issues and communicating with upstream and downstream teams.
* Assisted in process optimization by identifying workflow bottlenecks and contributing to documentation for best practices.
* Worked as an onboarding trainer for freshers and enhanced documentation clarity, team onboarding processes resulting in quicker ramp-up time for new associates.
* Cultivated a deep understanding of Amazon’s internal systems and pipelines, which laid the groundwork for later transitions into software development roles.

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| **PROJECTS** |  |

* **Project 1: *CORTRACKER INC (Full-stack .NET Project)* Dec 2024 - Present**
* Built scalable RESTful APIs with ASP.NET Core for managing employee data and leave requests
* Implemented JWT-based authentication and RBAC across frontend and backend
* Designed normalized SQL schema and used EF Core with code-first migrations
* Created reusable Blazor components for employee portal with dynamic UI based on roles
* Integrated email notifications using SendGrid and SignalR for real-time updates
* Deployed production-ready build to Azure App Services with CI/CD via GitHub Actions)
* **Project 2: Squad Software | Client Contract Lifecycle Management System (CLMS) May 2024 – Dec 2024**
* Built RESTful APIs using Spring Boot and JPA for managing dynamic contract templates, approvals, and version control
* Developed a responsive frontend with React to visualize contract lifecycles and automate alerts for expiry/renewal
* Secured application with JWT-based authentication and role-based authorization using Spring Security
* Automated testing using JUnit and Selenium, achieving 90% code coverage and reducing bugs pre-deployment
* Deployed complete CI/CD pipeline using Jenkins and Docker; hosted app on AWS EC2 with PostgreSQL on RDS
* **Project 3: Kube IT | Internal Ticketing & Knowledge Base Platform Aug 2023 – April 2024**
* Developed a company-wide ticketing and self-help platform, enabling employees to report and track issues in real time
* Built dynamic knowledge base with markdown editor and search functionality for faster resolutions
* Integrated role-based access and notification system using .NET Identity and SignalR
* Wrote and executed unit and UI tests with xUnit and Selenium, reducing bugs by 60% pre-release
* Provided technical training and wrote documentation to onboard junior devs and non-technical staff

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| **SKILLS** |  |

**Languages:** Java, C#, JavaScript, TypeScript, SQL (T-SQL, PL/pgSQL), HTML5, CSS3, Bash

**Frontend:** React.js, Angular, Blazor WebAssembly, Bootstrap, Tailwind CSS, Redux, Axios, Chart.js, Formik, React Hook Form

**Backend:** Spring Boot, ASP.NET Core, Node.js (basic), Entity Framework Core, Hibernate, Spring Data JPA, RESTful API Design

**Database: S**QL Server, PostgreSQL, MySQL, Code-First Migrations, Stored Procedures, Query Optimization

**Security & Authentication:** JWT Authentication, OAuth2, Role-Based Access Control (RBAC), Spring Security, ASP.NET Identity

**DevOps & Deployment:** Docker, Docker Compose, GitHub Actions, Jenkins, Azure App Services, AWS EC2 & RDS, CI/CD Pipelines, Multi-stage Builds

**Testing:** JUnit, xUnit, Mockito, Selenium, Cypress, Postman, Swagger

**Tools & Utilities:** Git, GitHub, Bitbucket, Visual Studio, IntelliJ IDEA, VS Code, Figma, Postman, Draw.io, Maven, Gradle, MSBuild, SonarQube