Chandrahas Reddy Onteddu

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EDUCATION

Master's In Computer Science | SUNY at Binghamton University |
Binghamton, NY   Jan '22 - Dec '23

Computer Networks, Systems Programming, Programming Languages, Computer Security, Design analysis and algorithms, Social Media Pipeline, Topics in Data Privacy, Computer architecture, Operating Systems

Bachelor's in Computer Science and Engineering | R.M.D. Engineering   Aug '15 - Apr '19
College | Chennai, India

Programming Data structures-I,II, DBMS, Internet Programming, Artificial Intelligence, Compiler Design

SKILLS

Web Development: ASP.NET MVC, Angular, ASP.NET, Entity Framework, Redis, ASP.NET Core, Blazor,ExpressJS,ReactJS

Database and Data Management: SQL Server, Redis, NoSQL, Oracle, MYSQL, T-SQL, PostgreSQL, PL/SQL

Testing: NUnit, Moq, Selenium, Junit

Containerization and Orchestration: Docker, Kubernetes

Cloud Services: Azure, Azure/AWS

Programming Languages: C#, .NET Framework/Core, HTML, CSS, BootStrap, c++, c, Java, NodeJS, JavaScript, TypeScript

Performance Optimization: Profiling tools. .NET optimization techniques

Other Tools, Libraries and Frameworks: JSON, Apache, Tomcat, LDAP, JQuery, Jira, REST API,Scrum, Jenkins, GIT, Agile

PROFESSIONAL EXPERIENCE

Senior Systems Engineer - .NET Developer | Infosys LTD   Sep '19 - Nov '21

- Enhanced scalable microservices with .NET Core and Angular, slashing infrastructure costs by 40%, using **Docker and Kubernetes**
- Devised advanced caching systems, **cutting web app latency by 35%** and accelerating response times, boosting user engagement and retention rates by leveraging Redis and .NET Core
- Coached junior developers, elevating code quality by 25% and minimizing bugs by 20% in **.NET Framework/Core, C#, and Angular**
- Optimized disaster recovery plans with **Azure and AWS**, achieving a less than 15-minute RTO. Improved Angular-based applications for seamless operation during system outages
- Maximized application **performance by 30% by identifying and rectifying** system bottlenecks with Visual Studio Profiler, enhancing user experience and operational efficiency
- Instituted efficient **CI/CD pipelines** in Azure DevOps, slashing deployment time by 50% for .NET development
- Modernized system reliability by 50% by preemptively identifying irregularities using advanced monitoring tools in **C#, .NET Framework, and ASP.NET**
- Collaborated on project completion using Scrum principles like **Sprints & Daily Standups** in conjunction with Jira, resulting in a 20% surge in customer satisfaction & product quality

System Engineer Trainee | Infosys LTD   Dec '18 - May '19

- Pioneered a .NET-based attendance management system for students and educators, reducing administrative workload by **40% while ensuring accurate tracking**
- Executed real-time attendance tracking through **cloud services**, resulting in a 25% increase in overall attendance rates and enabling timely interventions
- Led the integration of .NET Core & Angular technologies to implement a sophisticated **automated notification system**, resulting in a substantial 30% decrease in absenteeism rates
- Utilized C# & .NET to design & deploy RESTful APIs enhancing backend **reliability & efficiency**, resulting in a 20% decrease in downtime
- Implemented Python automation scripts incorporating **Pandas, NumPy, & Beautiful Soup** to elevate system performance, delivering a 50% reduction in manual workload & increased data processing speed

PROJECTS

Sentiment analysis on online harassment

- Upgraded insights by 30% through the development of a custom analytics dashboard & **surmounted data integration challenges** by leveraging .NET Framework & ASP.NET technologies
- Boosted data analysis efficiency by **30%** through innovative use of HTML, CSS, & Bootstrap on Twitter, Reddit, & 4Chan to assess explicit language within specified date ranges

Online attendance management system with facial recognition

- Developed and launched a . NET-based attendance tracking system with facial recognition authentication; improved login accuracy by 95%.
- Designed web page UI using front-end languages for the attendance management system resulting in a user-friendly experience
- Acquired facial recognition accuracy from 75% to **99%** with OpenCV library & **enriched training data**