

Chandrabhas 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 College | Chennai, India

Aug '15 - Apr '19

Programming Data structures-I,II, DBMS, Software Engineering, Internet Programming, Distributed Systems, Artificial Intelligence, Compiler Design, Grid and Cloud Computing, Human Computer Interaction, Cryptography and Network Security

SKILLS

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

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

Performance Optimization: Profiling tools. .NET optimization techniques

Other Tools, Libraries and Frameworks: Github, JSON, PowerBI, Apache, Tomcat, LDAP, ReactJS, JQuery, Jira, REST API

PROFESSIONAL EXPERIENCE

Software Engineer Intern | Mindspace Networks INC

Feb '23 - Dec '23

- Developed a critical module improving performance by 30% and reducing response time by 20% using **ASP.NET MVC, C#, and Entity Framework**
- Played a key Role in migrating legacy systems, reducing maintenance costs by 40% and improving reliability by 25% with **.NET technologies, SQL Server, and Azure DevOps**
- Designed and implemented an automated testing suite, **reducing post-release defects by 50%** and QA testing time by 30% with NUnit, Moq, and Selenium
- Contributed to deploying a scalable microservices architecture, **improving scalability by 60%** and decreasing infrastructure costs by 45% with .NET Core, Docker, and Kubernetes.

Senior Systems Engineer - .NET Developer | Infosys PVT LTD

Sep '19 - Nov '21

- Created scalable microservices with .NET Core and Angular, cutting infrastructure costs by 40%, using **Docker and Kubernetes**
- Engineered high-performance caching with **Redis and .NET Core**, boosting web app response time by 30%
- Mentored junior devs, improving code quality by 25% and reducing bugs by 20% in **.NET Framework/Core**, C# and Angular
- Streamlined disaster recovery plans with Azure and AWS, achieving **less than 15 minutes RTO**, Enhanced Angular-based applications for seamless operation during system outages
- Optimized application performance by **30%** through identifying & rectifying system bottlenecks with Visual Studio Profiler, **enhancing user experience** & operational efficiency
- Established efficient **CI/CD pipelines** in Azure DevOps, reducing deployment time by 50% for .NET development
- Boosted system reliability by **50%** Identifying irregularities preemptively using advanced monitoring tools in C#, .NET Framework, & ASP.NET

System Engineer Trainee | Infosys PVT 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**
- Instituted real-time attendance tracking, resulting in a **25% increase** in overall attendance rates and enabling timely interventions
- Orchestrated a sophisticated automated notification system utilizing .NET Core MVC, .NET Framework, & Angular, resulting in a notable **30% decline in absenteeism rates**

PROJECTS

Sentiment analysis on online harassment

- Enhanced 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

- Implemented a .Net based online attendancetracking and management system for Professors and Students which authenticates the login using facial recognition.
- Designed web page UI using HTML, CSS, Bootstrap, JavaScript, & **React** 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**