

Suryachandra Kasse

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Profile

Aspiring Computer Science professional with a background in Civil Engineering, transitioning into IT. Experienced in software development, IT automation, and full-stack web development. Proficient in ServiceNow, MySQL, .NET technologies, and cloud platforms such as Microsoft Azure and Kubernetes. Passionate about problem-solving and automation to improve efficiency.

Education

Master of Science in Computer Science

University of South Dakota, Vermillion, SD

Relevant Coursework: Computer Vision, AI & Machine Learning, Distributed Systems

Aug 2024 – May 2026

GPA: 3.6/4.0

Bachelor of Science in Civil Engineering

Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science & Technology, Chennai

Jun 2018 – Jun 2022

GPA: 8.25/10

Experience

Junior Software Engineer

Cognizant Technology Solutions

Sept 2023 – Aug 2024

Key Achievements:

- Developed IT automation workflows using ServiceNow to manage incident tickets, improving operational efficiency.
- Leveraged MySQL Server for database operations, optimizing performance and ensuring data integrity.
- Utilized PowerShell and Linux scripting to automate system tasks, reducing manual interventions by 40
- Integrated systems to streamline processes and enhance overall IT infrastructure.
- Optimized database queries to enhance system performance and reduce response times.

Programmer Analyst Trainee

Cognizant Technology Solutions

Sept 2022 – Sept 2023

Key Achievements:

- Contributed to the development of a web application using Ext.js for front-end, PHP for back-end, and PostgreSQL for database management.
- Designed and implemented responsive user interfaces to enhance the user experience.
- Integrated front-end and back-end systems, ensuring seamless communication between them.
- Utilized Putty for server management, Visual Studio Code for coding, and Postman for API testing to ensure functionality and performance.
- Applied web development best practices and collaborated effectively within a team to deliver the project.

Intern

Cognizant Technology Solutions

Mar 2022 – Aug 2022

Key Achievements:

- Transitioned from a civil engineering background to the IT field, gaining hands-on experience in .NET full-stack development.
- Collaborated with the development team to implement features and optimize performance of web applications.
- Gained practical exposure to software development practices, including version control, debugging, and testing.

Projects

Neuro IT Automation

Developed an IT automation system leveraging PowerShell, ServiceNow, and MySQL to manage incident tickets and automate system tasks. This reduced incident resolution time by 50 percent and enhanced operational efficiency. (*PowerShell, ServiceNow, MySQL*)

SDChat Team in Cognizant Automation Center (CAC)

Contributed to developing a web application using Ext.js, PHP, and PostgreSQL. Designed responsive user interfaces, implemented data management features, and ensured seamless front-end and back-end integration. Utilized tools like Putty, Visual Studio Code, and Postman. Reduced email dependency by 35 percent, improving team communication. (*Ext.js, PHP, PostgreSQL, Putty, Visual Studio Code, Postman*)

Travel Ticket Management System

As part of my internship in .NET full-stack development at Cognizant, I developed a web-based ticketing platform to manage travel requests. This project involved both front-end and back-end development, leveraging C, ASP.NET, and SQL Server to create an efficient system for ticket creation, approval tracking, and reporting. The project enhanced my skills in full-stack development and database management, providing me with a solid foundation in web application development. (*C#, ASP.NET, SQL Server*)

Technical Skills

Programming: C#, JavaScript, SQL, PowerShell, Python

Technologies: ServiceNow, MySQL, PostgreSQL, ASP.NET, SQL Server, Kubernetes, Docker, Microsoft Azure

Tools: Visual Studio, Datadog, Moogsoft, Resolve Action Express

Operating Systems: Windows, Linux

Certifications

- Microsoft Certified: Azure Fundamentals