

Chandra Pavan, Prathapaneni

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EDUCATION

The University of Texas at Dallas

December 2024

M. S., Information Technology Management

3.788/4

SRM Institute of Science and Technology

May 2019

Bachelor of Technology, Electronics and Communication Engineering

PROFESSIONAL EXPERIENCE

Capgemini, Bangalore, India

August 2021 – December 2022

Software Engineer

- Designed and developed scalable backend systems using Java, implementing optimized algorithms to reduce processing time by 54 seconds, improving overall application performance.
- Utilized React.js to build responsive websites, prioritizing faster loading time while enhancing UX.
- Designed and implemented a backend cleanup app aimed at enhancing database efficiency and query performance by 50%, primarily using MS SQL Server.
- Managed the entire testing lifecycle, including code reviews and comprehensive testing, to uphold code quality and minimize defects in production-level applications.
- Managed code repositories using Git and GitHub, maintaining version control and collaboration.

CGI, Bangalore, India

August 2019 – November 2020

Associate Software Engineer

- Developed multiple apps using Python for a Canadian telecom, significantly enhancing their operations and services, while gaining \$20 Million Revenue.
- Orchestrated the seamless migration of legacy databases to modern MS SQL Server, ensuring data integrity and uninterrupted functionality.
- Leveraged Azure for app deployment and management, optimizing performance and scalability.
- Implemented data analytics to generate insights from user data, improving product features and user satisfaction.
- Leveraged HTML, CSS, and JavaScript for front-end web development, also enhancing UI/UX design.
- Employed Postman for API testing and debugging, ensuring robust and reliable backend services.

TECHNICAL SKILLS

Programming Languages: Python, Java, JavaScript.

Front-end Technologies: HTML, CSS, ReactJS.

Back-end Technologies: NodeJS, ExpressJS.

Database Technologies: MongoDB, MS SQL Server.

Cloud Services: AWS, Azure.

Tools and IDEs: Putty, VS Code, Postman, Eclipse.

Version Control: Git, GitHub.