

GAYATRI DUBEY

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SUMMARY:

Results-driven Software Engineer with extensive experience in software development. Proficient in multiple programming languages, dedicated to enhancing business efficiency through innovative solutions. Currently pursuing a Master's in Information Systems to further expand technical expertise.

EDUCATION:

Northeastern University, Silicon Valley, CA

Master of Science | Information Systems

Jan 2024 - Expected Dec 2025

Relevant courses: Application Development (Java), Data Science Engineering (Python based), Program Structure and Algorithms, Network Structures and Cloud Computing, Web Design and User Experience

Rajiv Gandhi Technical University, Bhopal, India

Bachelor of Engineering | Information Technology

Aug 2010 - June 2014

Relevant courses: Object-oriented programming, Database management Systems, Java programming

TECHNICAL SKILLS:

- *Key Technical Skills:* Python, JavaScript, Java, C#, ASP.NET, React, CSS, HTML, WPF, Material-UI, Microsoft Power Platform, MVC, SharePoint, AWS
- *Data Science Skills:* Python, scikit-learn, Streamlit, Pandas, NumPy
- *Database:* SQL, Dataverse (power platform)
- *Project management and Development Tools:* Agile methodologies, Jira, GitHub, CI/CD pipelines, IntelliJ, Visual Studio, GitLab, Confluence, Azure DevOps

ACADEMIC PROJECTS:

nuGPT - Chatbot for Northeastern University

May 2024 - Aug 2024

- Collaborated on building a responsive chatbot interface with React and Material-UI, integrating Meta Llama3 for NLP, and deployed using Docker

Diabetes Prediction

Jan 2024 - Apr 2024

- Developed a machine learning model using Python, scikit-learn, and Streamlit to predict diabetes risk, with a user-friendly interface

Image Processing and Conversion Application

Jan 2024 - Apr 2024

- Built an image processing app in Java with features like saturation adjustment, contrast enhancement, and real-time filter preview using JavaFX

WORK EXPERIENCE:

PricewaterhouseCoopers (PwC) Acceleration Centers, Bangalore, India

Jul 2022 - Jul 2023

Senior Associate (Senior Developer)

- Created forms and workflows in Power Platform integrating data from Dataverse and SharePoint, centralizing assessments and saving 20% of work time
- Conducted project capability breakdowns and recommended enhancements, resulting in 8% business growth by applying strong analytical and problem-solving skills

Tata Consultancy Services (TCS), Pune, India

Jul 2020 - Jun 2022

IT Analyst (Senior Development Engineer)

- Developed workflows in C# .NET and Kofax, reducing costs and manual work by 50%. Led the successful transition from C to WPF for another project
- Administered Agile methodology and DevOps processes, overseeing code reviews and deployment, while demonstrating excellent debugging and critical thinking skills in various projects

Beyondkey Systems Pvt. Ltd, Indore, India

Oct 2014 - Apr 2020

Senior Software Engineer

- Streamlined module creation in C# .NET and JavaScript, working with databases in SQL and Informix, achieving a 40% increase in website productivity
- Demonstrated the ability to deliver impactful software solutions tailored to client needs, excelling in cross-functional, collaborative environments working with other teams

CERTIFICATIONS:

Microsoft Certified: Azure Fundamentals

Nov 2022

Microsoft Certified: Power Platform Fundamentals

Aug 2022