# PRADEEP GATTI

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## EDUCATION:

**M.S. Information Systems | Stevens Institute of Technology | Hoboken, NJ | GPA: 3.8**                    **May 2024**
• Provost's Masters Fellowship
• Research Assistant
**Related Courses**: Data Management | Data Analytics and Machine Learning | Process Innovation and Management | Financial Decision Making | Applied Analytics | Digital Innovation | Project Management Fundamentals | Fundamentals of Consulting | Database Design

**B.Tech in Information Technology | Sree Vidyanikethan Institute of Technology | GPA: 7.5**          **Jun.2016 - May.2020**
**Related Courses:** Computer Programming | Data Structures | Computer Organization | Operating Systems | Object Oriented Programming through JAVA | Management Science | Internet of Things | Business Economics and Financial Analysis | Mobile Computing and Adhoc

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## TECHNICAL SKILLS:

**Languages**     : C, Java, Javascript, HTML, Spring MVC, Spring Boot, Typescript, Python, Statistical R Programming, Excel.
**Databases & Cloud:** SQL, PostgreSQL, Microsoft SQL server Management Studio, AWS, MS azure fundamentals.
**Tools & IDES:** PowerBI, Tableau, MATLAB, ServiceNow, Eclipse, IntelliJ, Apache Tomcat server, Visual Studio, Visual Studio Code.
**Strengths**      : Detail-oriented, Analytical thinker, Adaptable, Self-Starter, Goal-Oriented, Creative Problem-Solver, Public Speaker
**Certificates**    : PMP certification, Agile Programming & Testing, Introduction to IOT, Oracle PL/SQL, Solo learn SQL.

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## PROFESSIONAL EXPERIENCE:                                                                                          Jul'2020 - Aug'2022

**Python Developer | Cognizant Technology Solutions Pvt. Ltd. | Hyderabad, India**
**Automation and CI/CD:** Built and managed automation pipelines using Jenkins, Groovy, and Python scripts for enterprise applications, integrating tools like Git, JIRA, and Slack to ensure continuous integration and delivery, reducing deployment time by 40%.
**Web Development:** Designed and developed a scalable e-commerce platform using Flask and Django, implementing RESTful APIs, user authentication, and SQL database integration, resulting in a 30% increase in user engagement.
**Agile/Scrum Methodology:** Played a key role in Agile teams to transform legacy systems into modern applications, leading sprint planning, daily stand-ups, and retrospectives, which improved project completion rates by 25%.
**Testing and Development Tools**:Developed automated test scripts using Selenium with Python and conducted API testing with Postman, increasing test coverage by 50% and reducing testing time by 35%.
**Splunk and Kubernetes:** Implemented real-time monitoring with Splunk logs and managed Kubernetes deployments, enhancing system reliability by 20% through proactive issue detection and streamlined deployment processes.
**Analytical and Problem-Solving Skills:** Leveraged Python for data analysis and automation using Pandas and NumPy, providing critical insights that improved operational efficiency by 15% through better resource allocation.

**Application Development Intern | Cognizant Technology Solutions Pvt. Ltd. | Hyderabad, India**          *Jun 2019 - May 2020*
**API Design and Implementation**: Created RESTful APIs for seamless communication between distributed services, improving system designs.
**Database Management**: Engineered database solutions using PostgreSQL, ensuring data integrity, and efficient data retrieval.
**Professional Project - Inventory Management System (IMS):**
    **Architectural Design**: Spearheaded the development of a microservices-based architecture utilizing Python and Flask, achieving high modularity.
    **Data Processing and Analytics**: Leveraged Pandas and NumPy for real-time data analytics, providing actionable business insights.
    **Security and Compliance**: Implemented OAuth 2.0 for robust authentication and authorization, ensuring secure access control.
    **Cloud Infrastructure**: Deployed the IMS on AWS, utilizing EC2 for computing, S3 for storage, and RDS for database management, ensuring a scalable and reliable infrastructure.

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## ACADEMIC PROJECTS :

**Volkswagen BPR: Process Innovation Management:**                                                                      **Sep-Dec 2022**
Led a successful optimization of Volkswagen's automobile process, eliminating 20% of inefficiencies. Implemented a BPR strategy, saving the company $500k annually. Utilized NLP services for underwriting complex guidelines, improving process efficiency by 15%.
**Netflix Data Dynamics: Real-Time Analytics Using Tableau, RapidMiner, Random Forest, and Linear Regression:**          **Jan-Apr 2022**
Developed a machine learning algorithm using Random Forest and Linear Regression for real-time data analytics, achieving 95% accuracy. Enhanced AI experiential learning capabilities, improving Netflix's diagnostic efficiency by 30%.
**TradeMaster: Online Trading Platform Development:**                                                                      **Jun-Jul 2023**
Developed a comprehensive online trading platform using TypeScript, HTML, CSS, and Python Flask. The platform enables users to execute virtual trades like sell, short, buy, and short sell, fostering competitive trading skills.

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## LEADERSHIP & EXTRA CURRICULAR:                                                                          Jul'2023 - May 2024

**Stevens Institute of Technology | Hoboken, NJ**
• Research Assistant Graduate
• Active member of Indian Graduate Student Association