

Venkata Rama Nitin Pathuri

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Career Objective

B. Tech graduate in Computer Science and Engineering with specialization in Data Science, currently working at **Accenture** on Java-based enterprise applications. Passionate about building scalable software and integrating AI-driven solutions. Actively seeking opportunities in **Java development**, **AI**, or **Data Science** roles.

Skills

- **Languages & Frameworks:** Java, Python, C, JPA, JPQL, JUnit, Mockito (basics), Flask
- **Cloud Platforms:** AWS, Microsoft Azure
- **Tools & Technologies:** Git, GitHub, Power BI, Tableau, SQL, NoSQL (GraphQL), DevOps Basics
- **Data Science/AI:** Machine Learning, Data Analysis, Streamlit, Matplotlib, Seaborn
- **Frontend (Basics):** JavaScript, ReactJS
- **Soft Skills:** Collaboration, Problem Solving, Mentoring

Work Experience

Packaged App Development Associate

Accenture, Bangalore | **Oct 2024 – Present**

- Developed and optimized Java-based applications using **Spring Boot** and **JPA**.
- Implemented **microservices architecture** for scalable enterprise systems.
- Automated unit testing using **JUnit**, improving code reliability and reducing bugs.
- Managed cloud deployment and DevOps practices using **Azure** and **AWS**.

Technical Trainer Intern

ByteXL, Guntur | **Aug 2024 – Oct 2024**

- Delivered **200+ hours** of training in C, Java, Python, AWS, Azure, Git, and GitHub to 150+ students.
- Mentored students in **problem-solving**, **research**, and **statistical techniques**.
- Evaluated student assessments and built interactive **Power BI dashboards** for faculty insights.

Projects

Movie Recommendation System

Personal Project | *Python, Pandas, Scikit-learn, Streamlit*

- Developed a content-based and collaborative filtering movie recommendation engine using user ratings and metadata.
- Built an interactive UI using Streamlit for seamless user experience and recommendations.
- Analyzed and visualized user preferences to identify frequently rewatched movies.
- Applied data preprocessing, feature engineering, and cosine similarity for accurate suggestions.

Movie Rewatch Analysis

Personal Data Project | *Python, Matplotlib, Seaborn*

- Performed exploratory data analysis on personal movie watch history to identify rewatch patterns.
- Visualized movie genres, watch frequency, and favorite titles using Matplotlib and Seaborn.
- Derived insights from structured data to understand entertainment preferences and behavior trends.

Education

- **B. Tech in Computer Science and Engineering (Data Science Specialization)** – KKR & KSR Institute of Technology and Sciences, Guntur (2020 – 2024)
- **Intermediate (MPC)** – Sri Chaitanya Junior College, Guntur (2018 – 2020)
- **Class X (ICSE)** – Little Flower School, Guntur (2017 – 2018)

Certifications

- Microsoft Certified Azure AI Engineer Associate
- Microsoft Certified Power BI Associate
- Microsoft Certified Azure AI Fundamentals
- Data Analysis using Python
- Introduction to Cyber Security and Cisco Packet Tracer