

# Pranavi Chinthireddy

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## PROFESSIONAL SUMMARY

MS Information Systems student with 2+ years of software engineering experience, specializing in data analysis, business intelligence, and system optimization. Proficient in Power BI, Tableau, SQL, and R to extract insights and drive data-driven decisions. Advancing expertise in business analytics and enterprise technologies to drive innovation

## STRENGTHS AND EXPERTISE

**Programming Languages:** Java, Python, R, SPSS, VBA, JavaScript, HTML/CSS

**Database Management Systems:** Microsoft SQL Server, MySQL, InfluxDB, PostgreSQL

**Analysis and Visualization Tools:** Power BI, Tableau, Microsoft Excel, Power Pivot, Grafana, Google Analytics

**Certifications:** AWS Cloud Practitioner, Google Data Analytics, Power BI Essential Training

## EDUCATION

**California State University, Fullerton**

Fullerton, CA

*Master of Science in Information Systems, Business Analytics, GPA: 3.54/4.0*

May 2025

**Coursework:** Business Database design and Management, Statistics for Data Science, IT Project Management, Marketing, Business Intelligence, Advance Software Development Web Application, Data Warehouse, Data Mining

**Honors:** Graduate Student Scholarship, ASI CSUF

- Awarded for academic excellence and significant contributions to the campus community

## PROFESSIONAL EXPERIENCE

**Accenture Solutions Private Limited**

Hyderabad, India

*Software Engineering Analyst – Performance Testing*

December 2022 - August 2023

- Executed JMeter scripts for performance testing and tracked system metrics through ELK, AWS CloudWatch, and Grafana, ensuring 99% uptime and uncovering critical performance bottlenecks
- Analyzed scalability and server load metrics, providing actionable insights that improved system stability by 15% and reduced latency by 10% through targeted optimizations

*Full Stack Engineering Analyst*

August 2021 - December 2022

- Developed and designed high-quality data visualizations (Radar, Gantt, Bubble charts) for a Data Mining Tool, increasing user engagement by 25% and improving data-driven decision-making
- Presented the Data Mining Tool at 2+ global events, earning recognition for technical expertise and driving adoption across teams, reducing processing time by 15% through optimized data binding and visualizations

## COURSE PROJECTS

**In-Vehicle Coupon Recommendation System** | *R Studio*

August 2024 - December 2024

- Cleaned and preprocessed large datasets, reducing missing data by 20% and improving model performance by 25%
- Formulated and optimized predictive models (Logistic Regression, KNN, CART), increasing coupon recommendation accuracy by 15% by analyzing user behavior and location data

**NBA Player Performance Analysis** | *Python, Pandas, Matplotlib*

January 2024 - May 2024

- Conducted web scraping to extract and structure data from over 1,500 NBA player and team performance records, ensuring accurate and clean datasets for analysis using Python and BeautifulSoup
- Leveraged Pandas and statistical modeling to analyze 15+ key performance metrics, revealing insights on team win percentages and player efficiency, which enhanced predictive accuracy by 10% for game outcome predictions

**Business Intelligence on College Dropout Students** | *Tableau, MS Excel*

August 2023 - December 2023

- Explored dropout patterns through logistic regression and probabilistic modeling on data from 1,000+ students, identifying key factors such as seminar attendance that influenced retention patterns
- Constructed Tableau dashboards to visualize trends and provided actionable insights to university administrators, driving a 10% improvement in retention strategies

## ADDITIONAL EXPERIENCE

**CSUF Auxiliary Services Corporation**

Fullerton, CA

*Information Technology Intern, Part-Time*

August 2024 - May 2025

- Reduced downtime by 20% through system optimization, supported Windows 11 migration for 20+ systems
- Managed 200+ user profiles, ensuring seamless access and performed daily data backups to maintain integrity