Preethi Naroju

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EDUCATION

UNIVERSITY OF HOUSTON, C. T. Bauer College of Business, Houston, TX   **May 2026**

Master of Science in Management Information Systems, **GPA: 3.78**
- Relevant Courses: IT Project Management, Systems Analysis and Design, Cloud and Generative AI Solutions

EXPERIENCE

C T BAUER COLLEGE OF BUSINESS, Houston, TX   **September 2025 – Present**
Instructional Assistant
- Supporting 25+ student teams across the semester by guiding project planning, monitoring progress, and supporting preparation for final presentations
- Coordinating grading and academic assistance for 250+ students by reviewing coursework, cross-checking data in spreadsheets, meeting evaluation deadlines, and maintaining a 24-hour turnaround for student communications

HILCORP ENERGY, Houston, TX   **Summer 2025**
IT Intern
- Gathered requirements from business users and designed a hybrid SAP automation solution using SAP Build Apps and SAPUI5 after analysing tool limitations, improving workflow stability and error handling
- Rebuilt coded SAPUI5 processes in SAP Build Apps to automate and modernize business forms, reducing maintenance effort and improving deployment speed

ACCENTURE SOLUTIONS PVT. LTD., Hyderabad, Telangana   **August 2021-July 2024**
Packaged App Development Analyst
- Collaborated with business stakeholders to document process requirements and deliver RPA solutions (Blue Prism, UiPath), automated Excel, Email, Power BI, SAP, CSTAR, Sharepoint, and JIRA workflows
- Built automated processes from business rules using Blue Prism (process studio, object studio, work queues, APIs), recognized by client for impact, including up to 90% reduction in manual work on key workflows
- Supported end-to-end delivery from requirements through deployment using Agile and SDLC
- Trained a Machine Learning model in UiPath to learn extraction patterns and automate data capture from emails, with accuracy rate of 98% and no manual data entry required
- Played a key role in automation transfer from Airtable application to Jira application which is used by various global teams at a largest investment management firm in US

PROJECTS

Smart Expense Tracker
- Defined requirements and designed a normalized relational schema (3 tables, foreign keys, constraints) using SQLAlchemy ORM; built a RESTful API (15+ endpoints) with CRUD, filtering, pagination, and sorting to support reporting and data access
- Developed a spending analytics engine using SQL aggregations for month-over-month trends, category breakdowns, and real-time budget alerts to support data-driven decisions
- Delivered a single-page dashboard with interactive charts and budget health indicators; validated logic with 25+ pytest test cases covering CRUD, validation, and edge cases

SKILLS & CERTIFICATIONS

Analysis: Requirements elicitation and documentation, process mapping, gap analysis, data analysis, reporting, UAT support
Data & Reporting: SQL, Excel (formulas, pivot table), Power BI, data validation, trend analysis, dashboards
Tools: Jira, Blue Prism, UiPath, SAP Build Apps, Microsoft Office Suite including MS Excel, Power BI, Confluence
Programming Languages: C, Java, Python, SQL, HTML5, CSS3, .NET (C#, MVC)
Methodologies: Agile Development, DevOps, Software Development Life Cycle
Certifications: PL-900 (Power Platform), DP-900 (Azure Data), Foundation Artificial Intelligence, Automation Engineer Certification, Python, QCAD
Languages: Fluent in English, Hindi and Telugu