Poojitha Nadendla

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CAREER OBJECTIVE

To obtain a challenging data analytics internship role in a progressive company where I can utilize my technical skills and innovative mindset to contribute to the company's vision, leveraging my strong verbal communication skills, research abilities, and expertise in market forecasting. I aim to work collaboratively with stakeholders to drive innovation and business growth, particularly in the field of digital marketing and consumer insights.

EDUCATION

University of South Florida, FL   **Expected, Dec 2024**
Master of Science in Artificial Intelligence and Business Analytics   Current GPA (4/4)

Gates Institute of Technology, Gooty.   **Aug 2014-Aug 2018**
Bachelor of Technology in Civil Engineering   (GPA 3.70/4.00)

TECHNICAL SKILLS

Programming Languages: Statistical Modelling using R(car, rio, hypothesis testing, regression analysis), Python(NumPy, Pandas, tensor flow), SQL, C, C#, SAS and Web development technologies like HTML, CSS.

Certifications: Mulesoft Level -1 Certified Developer, Salesforce admin certified Developer.

Data Visualization Tools: Tableau, Power BI

Tools and Technologies: Relational database systems, Anypoint Platform, Anypoint Studio, Mule runtime, API Designer, API Manager, Exchange, Dataweave, Munit, Runtime manager, Microsoft Office, Microsoft Excel, Microsoft PowerPoint, Service Now, SharePoint, Star UML GitHub, Database Management, Bitbucket, Salesforce (Admin).

WORK EXPERIENCE

Accenture Solutions India Private Limited, Bangalore, India
Application Development Analyst   **Jan 2020 - July 2023**

- API Development: Developed RESTful and SOAP APIs based on user requirements and enhancements using MuleSoft's Anypoint API Platform. Utilized RAML (RESTful API Modeling Language) for API design.
- Documentation: Created detailed mapping sheets and design documents to comprehensively outline user requirements, facilitating clear communication among project stakeholders.
- Migration Documentation: Prepared comprehensive documentation related to migration processes to ensure a smooth transition between different system environments.
- RAML Development: Crafted RAML documents using Anypoint API Platform to define API specifications and endpoints. Provided mocking services to application developers for early-stage development and testing.
- Requirement Gathering: Actively participated in requirement gathering sessions with application developers and functional users to gather and refine project specifications.
- API Design, Implementation and Unit Testing: Engaged in API design sessions to determine the structure and resources within each API, as well as authentication mechanisms, ensuring optimal design and security. Implemented APIs using the API-kit router in Anypoint Studio, configuring endpoints, data transformations, and message routing, conducted rigorous unit testing of APIs to validate their functionality and compliance with specifications.
- Version Control: Utilized Bitbucket for version control, facilitating collaborative development, code management, and tracking of changes.
- Integration Components: Worked extensively with various MuleSoft components, including DataWeave for data transformations, choice and scatter-gather for flow control, and exception handling for error management.
- API Testing: Employed SoapUI5 and Postman applications to rigorously test APIs, ensuring their reliability and performance.
- Issue Resolution & Tool Proficiency: Proactively identified and addressed issues, providing support during User Acceptance Testing (UAT) and System Integration Testing (SIT) phases to ensure smooth deployment. Demonstrated proficiency in Anypoint Studio and Anypoint Platform for end-to-end API development. Possessed foundational knowledge of SQL for database interactions and Linux for system operations.
- Salesforce Admin: Trained in Salesforce Administration, demonstrating proficiency in user management, security settings, data management, and workflow automation to optimize and streamline business operations.

ACADEMIC EXPERIENCE

🔗 Structural Analysis and Design of Reinforced Concrete Buildings

- Developed structural design calculations for a multi-story reinforced concrete building, showcasing proficiency in structural engineering principles and conducted finite element analysis using software tools such as SAP2000 to assess the structural integrity and safety of the design. Collaborated with a team of peers to refine the design and ensure compliance with local building codes, emphasizing teamwork and communication skills.

🔗 Geotechnical Investigation and Soil Mechanics Laboratory

- Participated in geotechnical investigations to analyze soil properties and their impact on foundation design.
- Performed laboratory tests on soil samples, including sieve analysis, moisture content determination, and triaxial testing, demonstrating hands-on experience in soil mechanics. Assisted in writing comprehensive geotechnical reports based on laboratory findings, highlighting technical report writing skills.

🔗 Hydraulics and Water Resources Engineering

- Conducted experiments to study the behavior of open-channel flow, including flow measurement, sediment transport, and hydraulic structure analysis and utilized software like HEC-RAS for floodplain modelling and analysis, gaining proficiency in hydraulic engineering tools. Collaborated on a project to design a stormwater management system for a local urban area, showcasing practical problem-solving skills.

LEADERSHIP AND ORGANIZATIONAL EXPERIENCE

- Worked as a team lead and event organizer for final project and conference held at Gates Institute of Technology, handled entire documentation part, demonstrating strong interpersonal communication, decision-making, and multi-tasking skills, excellent time management, organizational and communication skills.