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EDUCATION

Indiana University Bloomington, Bloomington, IN
Master of Science, Computer Science, GPA: 3.683 *August 2022 - May 2024(expected)*
GITAM (Deemed to be University), Visakhapatnam, India
Bachelor of Technology, Computer Science, GPA: 8.96/10.0 *July 2015 - May 2019*

SKILLS

Programming/Scripting Languages: (Proficient) Python, SQL, JavaScript; (Familiar) Java, C, C++
Frameworks, Version controls and tools: Django, React, Git, Docker, Microsoft Power BI

PROFESSIONAL EXPERIENCE

Application Development Analyst

Accenture Solutions Private Limited, Hyderabad, India, April 2021 - June 2022
- Maintained and managed Microsoft business reports encompassing clients' engagements, projects, labor hours, revenue, and other relevant data.
- Created Power BI dashboards that displayed key business KPIs, allowing FTEs and managers to track project payrolls and revenues, saving 10 hours per week on manual reporting.
- Supported clients by addressing their issues and providing solution requirements using platforms such as ServiceNow, SQL Server Management Studio (SSMS), and Microsoft Power BI to reduce the incoming incidents by 20%.
- Collaborated in maintaining a comprehensive knowledge base of articles to document and share solutions for future reference.

Associate Software Engineer

Accenture Solutions Private Limited, Hyderabad, India, June 2019 - March 2021
- Successfully completed rigorous training in various technical areas including Object-Oriented programming in Java, Database Management Systems, SQL Programming, Data Structures, HTML, CSS, and ASP.net MVC Architecture.
- Utilized acquired knowledge and skills to provide technical support to Microsoft users, troubleshooting and resolving issues related to network and platform performance.

Software Developer Intern

Fountane Makerspace Private Limited, April 2018 – June 2018
- Developed visually appealing and user-friendly landing pages for the organization using web development technologies and frameworks using HTML, CSS, Bootstrap and JavaScript.
- Implemented interactive elements and optimized the landing pages for improved user experience.
- Composed and edited content for the organization, ensuring accuracy, clarity, and adherence to brand guidelines.

PROJECTS

Crimson Board – The Learning Management System

Indiana University Bloomington, Spring 2023
- Led the implementation team for a Learning Management System (LMS), enhancing course delivery efficiency and student learning outcomes.
- Designed and implemented custom features using Django REST Framework and ReactJS, alongside MySQL as the database, to meet client's requirements and improve LMS functionality.

Life Expectancy Prediction using Regression Analysis

Indiana University Bloomington, Fall 2022
- Developed a life expectancy prediction model utilizing factors such as immunization, mortality, and health-related indicators.
- Employed various algorithms, including Linear Regression, Ridge Regression, Decision Tree, Adaboost, and XGBoost, to analyze and compare their efficiency in predicting life span with Linear Regression model achieving an impressive test accuracy score of 95.13%, accurately forecasting life expectancy values.
- The project significantly contributed to the understanding of factors influencing population life span in multiple countries.