Divya Dyagala

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Education

SR University, Bachelor of Technology in Computer Science · · · · · · · · · · · · · · · Nov 2022 – Apr 2026

- GPA: 7.7/10.0 (Transcript)
- **Coursework:** DataBase Management System, Machine Learning, Data Structures, Design and Analysis of Algorithms, Object Oriented Programming , Operating System, computer Network , Data Mining, C, Python, Java

Experience

Software Engineer Intern, Microsoft – Banglore, India.   (Certificate) · · · · · · · · · May 2024 – July 2024

- worked on the O365 Actionable Messages and Substrate team for Outlook. Optimized the number of calls made to SDS by 81% by implementing a cache mechanism.
- Introduced a feature that allows tenant admins to approve or deny AM requests.
- Developed and executed unit tests to ensure code quality and successfully deployed code in MSIT.

Data Science Intern, CodeClause – Pune, India.   (Certificate) · · · · · · · · · · · · · · June 2023 – July 2023

- Conducted Data Analysis on 10,000+ user reviews and 10,000+ ratings to identify key features for recommendation algorithm and achieved 90% accuracy in predicting user preferences.
- Implemented Supervised and Unsupervised Learning Algorithms for Classification tasks including clustering and Anomaly Detection.

Technical Skills

Languages: C, Python, Java

Tools & Frameworks: ASP.NET, Flask, Django, Git, Visual Studio

Web Programming: HTML, CSS, JavaScript

DataBases: SQL, MYSQL, PLSQL, MongoDB, Microsoft SQL Server

Domain Knowledge: Machine Learning, Data Science, Data Analytics

Projects

Movie Recommendation System | PYTHON, FLASK, ML, SEABORN   (GitHub)   Jul 2023

- Developed a fully functional web deployed Movie Recommendation System in a period of 4 weeks.
- The Popularity-based Movie Recommendation system recommends movies to users from 1950 – 2016 based on their popularity among all users. (Demo)

Blood Banking System | Java, SpringBoot, MYSQL, ApacheServer   (GitHub)   Jan 2024

- Developed a user-centric Blood Banking System, leveraging advanced technology to streamline blood donation and emergency blood requests.
- Simplified user sign-up, health information input.

Voting App | Python, Django, MySQL, HTML, CSS, BootStrap   (GitHub)   Apr 2024

- Developed a fully functional web application on Voting App in 4 weeks.
- Facilitates securing voting process by allowing admins to add/delete candidates according to Voting Timelines.
- Allows voters to register and vote for candidate with in election Timeline.

Achievements

- 2023 Grand Finale participant and Team Leader for Binance Ideathon conducted by I4C under Block Chain Technology. (Certificate).
- Led a winning team in the Inter College Hackathon conducted by SR University, leveraging Block Chain Technology to develop a secure and transparent supply chain solution; secured first place out of 20+ participating teams. (Certificate).

Certifications

Microsoft Certified: Azure Fundamentals.	(Verify)	June 2023
Microsoft Certified: Azure Data Fundamentals.	(Verify)	May 2023
Microsoft Certified: Azure AI Fundamentals.	(Verify)	Oct 2023
IBM Applied Data Science: Level 2.	(Verify)	Mar 2023