SNEHA HOLEHONNUR SRIDHAR   snehamysuru2000@gmail.com
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EDUCATION

University of Massachusetts, North Dartmouth, MA   Aug 2023 – July 2025
Master of Computer Science – 4 GPA
- Cyber Secure Computing Club – Club Member.
- Relevant Coursework – Paradigmatic Software Development, Database Design, Algorithms and Complexity, Advanced Machine Learning, Theoretical Computer Science, Data visualization.

Visvesvaraya Technological University, Karnataka, India   Aug 2018 – July 2022
Bachelor of Computer Science and Engineering – 3.8 GPA
- Open-Source Lab - Secretary
- Inter College Best Project – 3rd Position (Career-Guidance System using ML)
- Relevant Coursework – Data Structures & Algorithms, Big Data Analytics, Machine Learning, Database Management Systems.

SKILLS

Languages: Java, Python, C, C++, JavaScript.
Frameworks/Libraries: Spring-boot, HTML, CSS, Angular JS, Pandas, NumPy.
Database Systems: SQL Server with JSON, MySQL, PostgreSQL.
Operating Systems: Ubuntu, Windows 7/10/11
Version Control: GitHub, Gitlab

EXPERIENCE

Clarivate Analytics   *Associate Software Engineer*   June 2022–Aug 2023
- Worked as a backend developer using Spring Boot and MySQL Server, specializing in JSON data handling and Web API development. Wrote efficient SQL queries and unit tests (Junits) to attain high code coverage.
- Updated legacy codebase to modern development standards, improving functionality.
- Managed production support on a sprint-based schedule, addressing high-priority production issues.
- Handled product updates for Cortellis, primarily involving the modification of web modules to ensure the timely updating of accurate information and registration links on a weekly basis.
- Skilled in developing and implementing secure shell scripts for executing complex Linux operations and seamlessly integrating with AWS services. Demonstrated expertise in managing EC2 instances for application servers, leveraging RDS for database hosting, and efficiently monitoring and managing logs using AWS CloudWatch.

Runshaw Technologies Pvt Ltd   *Software Engineer Intern*   Sep – Oct 2021
- Utilized front-end development tools, including HTML, CSS, and JavaScript, to actively contribute to the Covid-19 Management System. Designed and implemented secure login pages with regular expressions to validate usernames and passwords.
- Composed SQL queries to extract data from the database, ensuring seamless data retrieval for system functionalities.
- Conducted detailed analysis of source code to pinpoint and address functionality issues, resulting in improved system performance and reliability.

PROJECT WORK

Bank Customer Churn Prediction– *Python, Machine Learning Models*   Nov-Dec 2023
- Developed a Bank Customer Churn Prediction model utilizing 6 Machine Learning algorithms achieving 91% accuracy with the Random Forest Algorithm.
- The aim was to predict whether a customer would stay with or leave the bank based on factors like Credit Score, Active Membership status, Number of Products, among others.

Food-Application– *Angular JS, Spring Boot, Bootstrap, and SQL*   Aug 2022
- Developed a Food-Application with separate portals for managers and staff to streamline food ordering, menu creation, and order management within the company, enhancing overall efficiency.
- Enhanced the order confirmation procedure, empowering staff to quickly email customers with order details, including the order number and bill.

Career Guidance System using ML – *C#.NET, MS SQL Server, HTML, CSS, and JavaScript.*   July 2021-May 2022
- Created a student career prediction system for educational institutions, using Naïve Bayes Algorithm to match students' skills with suitable career paths.
- Enabled administrators to input student data, including academic results and skills, to classify students into career categories such as IT, Business, Teaching, Banking, and Core.