

Deep Vora

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Professional Summary

A keen analytical developer pursuing Masters in Computer Science with strong problem-solving skills, a talent for building robust, extensible, maintainable systems, with the ability to work through ambiguity and get stuff done. I am comfortable working in a fast paced environment where I was distinguished for my collaborative skills and delivered impactful results.

Technical Skills

Languages: Java, C++, Python, SQL(PostgreSQL, MYSQL), JavaScript, C#, HTML & CSS, JSON, C, Angular JS.

Frameworks: Spring Boot, ASP.NET, Maven, Mapreduce, UNIX, React Js, Apache, Apache Spark, Hadoop, Tomcat, ExpressJS, FastAPI.

DevOps, and API Tools: Redis, GIT, Pandas, TensorFlow, SciKit, GitLab, CI/CD, RTOS, Multi-threaded systems, Unit Test.

Cloud & Security Tools: Docker, GCP, AWS Services, OWASP, Kubernetes, DataBricks.

Programming Concepts: OOP, Data Mining, Big Data, UI UX Principles, REST, Real-Time Embedded Programming, Recommender Systems, Product Management, Root Cause Analysis, Design Patterns, Customer Service, Version Control, Data Science, Enterprise Software.

Certifications

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| • AWS Cloud Practitioner | January 2024 |
| • AWS Technical Essentials | January 2024 |
| • Docker Beginner Hands-On. | August 2021 |
| • Git Essentials and GitHub Ninja | August 2021 |
| • Application developer / UT Frameworks- JUnit, Mockito. | August 2021 |
| • Learning Spring Boot. | August 2021 |
| • Microsoft Technology Associate for Software Development Fundamentals | March 2019 |
| • Microsoft Technology Associate for Security Fundamentals | April 2018 |

Job Experience

- Bitwise Private Solutions Limited - *Programmer* February 2021- August 2022
- Worked in the Finance and banking domain with one of the best Financial Services clients.
 - Working as a SME(Subject Matter Expert) Full Stack Developer.
 - Following Strict Scrum, Agile environment for software development.
 - Working on the latest tools and technologies like Spring Microservices and SpringBoot, Resilience4j.
 - Backend development in Java/J2EE, Spring with Unit Testing in JUnit, Mockito JMeter.
 - Have Financial Disputes Cycle Domain Knowledge.

Publications

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| • "Self-Driving Car Simulator"(ISSN 2394 - 7780) | March 2022 |
| • "Digital Soil Fertility Analyzer" in Chhatrapati Vishwakarma Awards | September 2018 |

Education

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|--|----------------|----------------------------|
| • George Mason University, Fairfax, Virginia | - M.S. in C.S. | August 2022 - Present |
| • Mumbai University, Maharashtra, India | - B.S. in C.E. | August 2016 - January 2021 |

Projects

- Online Book Retail Store** | Node Js| UI | UX | Gestalt Principle| Contextual Enquiry| Iterative Design September 2023
This is an Angular application for a retail bookstore where users can request books and manage their profiles by adhering to Human-Computer Interaction (HCI) and User Interface (UI) design. (<https://swe632.github.io/online-book-store-hw7/home>)
- Chronic Disease Prediction** |Linear Regression | Random Forest| AdaBoost| PySpark| Map Reduce | Data Mining November 2023
The project aimed to analyze a health dataset to identify chronic disease patterns across different demographics. It involved predicting chronic conditions among males and females of varying ages, considering their living conditions and pre-existing health conditions. Additionally, the project calculated the influence of pre-existing diseases on predicting new related diseases. (<https://www.kaggle.com/code/prisonmike15/bfrs-dataset-chronic-disease-predictions>)
- Monopoly Game** |Javascript | ExpressJS| JWT Token| Bcrypt| SQL Server| SSL| Polling April 2023
Javascript and ExpressJS-based web app with security features like password hashing, SSL (secure communication), session management, and protection against common web attacks like XSS (cross-site scripting) and CORS (cross-origin resource sharing).
- Employee Car Management Website** |Spring Boot| ThymeLeaf| Spring Security| H2 Db| REST| Microservices May 2021
A Spring Boot web application to manage the assignments of company cars to employees. It uses an in-memory database for data storage. It incorporates security features, which include user authentication and authorization.