

# 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, TypeScript, Angular JS.  
**Frameworks:** Spring Boot, ASP.NET, Gradle, Maven, Mapreduce, UNIX, React Js, Pyspark, Hadoop, Django, ExpressJS, FastAPI.  
**DevOps, and API Tools:** Redis, GIT, Pandas, TensorFlow, ETL, SciKit, GitLab, CI/CD, RTOS, Multi-threaded systems, MongoDB.  
**Cloud & Security Tools:** Docker, GCP, AWS Services, OWASP, Kubernetes, Elasticsearch.  
**Programming Concepts:** OOP, Data Mining, Big Data, UI UX Principles, REST, Real Time Embedded Programming, Recommender Systems.

## Certifications

- |  |              |
|--|--------------|
| • 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   |
| • Basics of Programming in Python from FOSSEE                          | January 2017 |

## 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

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

## Education

- |  |                |                            |
|--|----------------|----------------------------|
| • 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/prisionmike15/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.