SHIVAM MISHRA

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EDUCATION

Concordia University - Master of Applied Computer Science
Jan 2022-Present   **CGPA: 3.49/4.3**
Mumbai University - Bachelor of Engineering in Computer Engineering
July 2014- Aug 2018   **CGPI:8.78/10.00**

EXPERINCE

Teaching Assistant: Concordia University, *Montreal, Canada.*   Jan 2023 – Current
COMP 346 – Operating system.
- Conducted 2 tutorials and 1 lab session for students and doubt solving sessions weekly.
- Mentored core of 90+ students for a semester.
- Assisted professor with grading assignments, term papers and project.

Software Developer *(Staff consultant)*: Oracle Financial Services software, *Mumbai, India.*   Sep 2018 – Dec 2021
- Designed, built, and supported Oracle's core banking software *FLEXCUBE* at HDFC Bank onsite.
- Developed scalable web application and services using Java, Oracle SQL, JavaScript, RAD tool, and Agile/SCRUM methodologies.
- Drive performance tuning, query plans, indexing, and table partitioning.
- Created reactive UI using RAD tool, JS, HTML, and CSS.

TECHNICAL SKILLS

- Languages: Fluent in Java, SQL, PLSQL, JavaScript; Experience in Python, C
- Web: Spring boot, PHP, HTML5, CSS, XML, Bootstrap, Rest API, SOAP.
- Platforms: WebLogic (11g, 12c, 14c), RAD tool, Android studio, WinSCP, putty, Eclipse, IntelliJ.
- Databases: Fluent in MySQL, Oracle (11g, 12c, 19c), RDBMS

PROJECTS

Swift 2021 -: *Java, PLSQL, JavaScript, swift, SOAP .*
- Led a team of 4 to design and develop an upgrade on swift messaging system in **HDFC Bank for India, Bahrain, Hong kong and Gift city.**
- Integrated core banking software and swift server to send and receive the newly developed XML messages

FreelanceIOT -: *Java, Play Framework, Rest-API, Akka-Actor.*
- Created MVC application with reactive server based on Play framework and Akka Actors.
- Implemented Web-sockets to fetch data from Freelancer Restful API to dynamically update on a User Interface using Akka.
- Deployed a caching and session management strategy for the system.

Graph orientation -: *Algorithm Design, Java.*
- Designed an algorithm for a sample hospital floor plan under covid restrictions.
- Implemented one-way street problem, such that floor is parted into covid and non-covid section such that all rooms are accessible with maximum efficiency possible.

Distributed File sharing system -: TCP/IP, Socket programming, Multithreading.
- TCP/IP, Socket programming, Multithreading.
- Build a network application using TCP/IP which shares a single file using multiple threads at a single time for efficient operation.

ACHIEVEMENTS

- Employee of the year award in 2019 & 2020 at Oracle Financial Services for excellent work.
- Letter of Appreciation from Head of Computer Department for development of "Mathematical Optimisation using Genetic Algorithm".
- Developed and designed India's first XML based swift message service for HDFC bank, India.
- "Wonderful Wizard" award from Oracle for expertise in Swift messaging development.

CERTIFICATIONS

- Data science foundations – Level 1 by IBM (Link)
- Oracle cloud infrastructure foundations certified associate by Oracle University(Link)
- Developing applications for Java EE 6 by Oracle University
- Java SE 8 Programming by Oracle University