Jatin Arora

+1 514 512 7199 | jatinnaroraa5@gmail.com

Github: github.com/jatin51997 | LinkedIn: linkedin.com/jatinnaroraa | Personal-Portfolio: portfolio

EDUCATION

Concordia University, Canada	Sep 2022 - May 2024
Masters of Applied Computer Science	*Current GPA: 3.9/4.3*
Guru Gobind Singh Indraprastha University, India	Aug 2016 - Aug 2020
Bachelor of Technology in Computer Science & Engineering	*GPA: 8.76/10*

SKILLS

Programming Languages: Java, HTML, CSS, JavaScript
Frameworks & Libraries : Node.js, Express.js, React.js, Springboot
Tools & Platforms : Amazon Web Services, Eclipse, Git, Docker, Postman, JIRA, RESTful API, SOAP, Maven, Linux
Methodologies & Skills : Agile (XP & TDD), Front-end, Back-end, Unit testing, Micro-services, CI/CD, SCRUM, Devops
Databases: MySQL, Oracle, MongoDB

EXPERIENCE

Just My Roots | *Software Engineer Intern* — Jan 2023 - Apr 2023
- Optimized product search API, reducing response time from 550 ms to 200 ms. Utilized **Java**'s multithreading and data structures alongside **MongoDB** for performance enhancement.
- Improved **MongoDB** schema design, decreasing data retrieval times by 20%. Employed **Java** frameworks like **Hibernate** and **Spring** for efficient processing.
- Redesigned logging system, reducing issue resolution time. Implemented **Java** logging frameworks like **Log4j** for error handling.

Newgen Software Technologies Ltd | *Software Engineer* — Sep 2020 - Aug 2022
- Led team to develop loan origination system Bank Muscat Oman, boosting profitability. Utilized **Java** for backend development, integrating **AWS** services seamlessly.
- Awarded Pinnacle performance award for exposing **SOAP**-web services for Equity Bank, applying **Java** best practices, streamlining operations, and eliminating 100+ hours of manual work per week.
- Digitized KCB Uganda's account opening workflow, introduced OTP based authentication, online video KYC, and AI document classification, resulting in a remarkable 30% increase in accounts opened for corporate and individual clients.
- Crafted a proprietary identification solution for Ecobank Group, adeptly addressing a critical challenge within the T24 core banking system, within a **REST API** framework using **Java** and **Spring Boot**, deployed across 32 countries.
- Earned the Standing Ovation award for creating an advanced installer, leveraging design patterns to automate product deployment on multi-clustered servers, eliminating 6 hours per manual installation.

PROJECTS

YTDb - Youtube Insights and Recommendations | *MongoDB, Express.js, ReactJS, Node.js* — Github link
- Engineered a responsive youtube insights and recommendation web app, integrating software development life cycle methodologies, delivering an intuitive user interface with essential functionalities.
- Implemented Auth0 for secure user authentication, reducing the time required for user login and registration processes, ensuring 0 security breaches.
- Incorporated a graph data structure based recommendation engine for suggesting channels and videos based on user preferences.
- Crafted a review system where users can provide ratings and write reviews for channels and videos.

Concordia Career Services Application | *MongoDB, Express.js, ReactJS, Node.js* — Github link
- Established a secure backend environment with JWT-based user authentication, role management, and MongoDB integration, achieving a 99.9% uptime rate.
- Managed a 5-member team to build a dynamic environment where aspiring candidates can submit application and employers can effortlessly post job openings.
- Embraced the Agile development philosophy, executing the project in focused sprints, completing the project in 1 month, which was 30% faster than the initial project timeline.
- Designed a robust Continuous Integration and Continuous Deployment (CI/CD) pipeline for the application, resulting in a 90% reduction in deployment time, ultimately enhancing the user experience and developer productivity.