Jatin Arora

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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: 3.96/4.3*
Guru Gobind Singh Indraprastha University, India   Aug 2016 - Aug 2020
Bachelor of Technology in Computer Science & Engineering   *GPA: 8.76/10*

SKILLS

Web Technologies: HTML, CSS, JavaScript, JSON, jQuery
Programming Languages: C, C++, Java, Python
Frameworks & Libraries : Node.js, Express.js, React.js, Bootstrap, Springboot
Tools & Platforms : Google Cloud Platform, 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
- Designed and optimized a product search API, resulting in a response time reduction from 550 ms to 200 ms, improving search functionality and user satisfaction.
- Enhanced MongoDB schema design and query performance during bi-weekly code reviews, resulting in a 20% decrease in data retrieval times and improved backend efficiency.
- Aided senior developer to redesign an efficient logging system, reducing mean time to issue resolution and enhancing overall application performance.

Newgen Software Technologies Ltd | *Software Engineer*   Sep 2020 - Aug 2022
- Led a 3 member team to develop Agile SDLC retail loan origination system for Bank Muscat Oman and achieved remarkable efficiency gains, reduced support issues by 25%, and boosted profitability.
- Awarded Pinnacle Performance Award for exposing SOAP-web services for Equity Bank, 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, deployed across 32 countries.
- Earned the Standing Ovation award for creating an advanced installer, automating 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, 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.