Jatin Chhabra

Mississauga, ON | +1 514-625-9114 | jatin.chhabra772@gmail.com | www.linkedin.com/in/jatinchhabra1997

EDUCATION

Concordia University — Montreal, Canada
Master of Applied Computer Science — *Sep. 2022 – Jun. 2024*
Guru Nanak Dev University — Jalandhar, India
Bachelor of Technology in Computer Science Engineering — *Jul. 2016 – Jun. 2020*

EXPERIENCE

Cognizant — Dec. 2020 – Aug. 2022
Software Developer — *Kolkata, India*

- Built and maintained RESTful API endpoints to support various functionalities and improve integration capabilities.
- Designed a role-based access control to enforce security policies across microservices, enhancing security and access control by 50%.
- Wrote unit tests and automated regression tests to ensure high-quality code, using JUnit and Mockito.
- Streamlined deployment processes by implementing DevOps automation and CI/CD pipelines using Jenkins, Git, and Nexus to automate builds and deployments, reducing deployment time from hours to minutes, for release reliability.
- Partnered with the product management team to gather requirements and actively participated in calls to address technical issues.
- Analyzed and modified existing batch scripts to accommodate business rule changes.

Nugen IT Services — Jan. 2020 – Nov. 2020
Frontend Developer — *Jalandhar, India*

- Built reusable React components and optimized frontend performance using React hooks and Redux for state management, improving application performance and reducing load times by 20%.
- Developed responsive and intuitive user interfaces using React, Redux, and modern JavaScript frameworks, adhering to design thinking principles.
- Implemented lazy loading and code splitting to improve page load speed.

PROJECTS

Blog Application | *Spring boot, Spring security, JWT, Spring data JPA, MySQL database*
- Built a robust RESTful API for blog application featuring POSTs, COMMENTS and CATEGORY management.
- Optimized REST APIs by introducing pagination and caching, reducing API response times by 60%.
- Integrated authentication and authorization mechanisms to ensure secure access to the API endpoints.
- Utilized Spring Security for role-based access control, enforcing permissions for different user roles.
- Enriched developer experience by adding Swagger documentation, offering an intuitive interface for interacting with API endpoints.

Food Order Application | *React, Firebase*
- Created a user-friendly web application using React JS for ordering food online.
- Provides users with a seamless experience to view menus, select items, add meals to the cart, and place orders.
- Leveraged Firebase Realtime Database to store and manage data efficiently.

Library Management System | *React, Springboot, Maven, React router, MySQL database*
- Facilitated to allow adding new books, update existing records, retrieve book information, and remove outdated entries.
- Added email notification alert upon issuing books and due date reminders.

Warzone Game Development | *Java*
- Designed and developed a strategy-based multiplayer game inspired by Warzone, using object-oriented principles and software design patterns like State, Command, Observer, Adapter, and Strategy.
- Designed a user-friendly command-line interface for editing maps, managing gameplay, and issuing orders, with real-time validation and error feedback.
- Enabled saving and restoring the game state, supporting resumption of gameplay from saved progress.
- Developed 50+ unit tests to ensure functionality, including map validation, player behavior, reinforcement calculations, and game save/load accuracy.
- Maintained coding standards, architectural modularity, API documentation, and version control with continuous integration pipelines for automated builds and testing.

SKILLSET

Programming skills: ● HTML5 ● CSS3 ● Bootstrap ● ReactJS ● Redux ● Javascript ● Java OOPs ● Spring MVC ● Spring Boot ● Spring Security ● Spring Data JPA ● Hibernate ORM ● Servlets ● JSP ● Thymeleaf ● Design patterns ● Monolithic architecture and Microservices ● JUnit ● MySQL ● MongoDB
Version Control System: ● Git ● Github
Project Management Tools: ● Jira ● Confluence
Cloud and DevOps: ● AWS (EC2, Lambda) ● Docker ● Kubernetes ● Jenkins ● CI/CD pipelines