

# Nicole Bi

SOFTWARE ENGINEER

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<https://github.com/NicoleBiii>

## PROFILE

Motivated software development enthusiast with a solid foundation in computer science and a passion for innovative solutions. Actively honing technical skills to adapt to market trends like AI and cloud computing, ready to contribute to impactful projects.

## SKILLS

### Software Engineering

HTML, CSS, JavaScript, React.js, Node.js, Express.js, REST APIs, OAuth, MySQL, Jest, Git, Webpack, Heroku

### UX Design

Sketch, Figma, Wireframing, Prototyping, Card Sorting, Principle, Adobe Creative Suite, Zeplin

### Data Science & Machine Learning

Python, R, SQL, A/B Testing, Regression, Tableau, Matplotlib, TensorFlow, PyTorch, AWS, Hadoop, Spark, Supervised & Unsupervised Learning

### Cybersecurity

Python, OSINT, SIEM, Firewalls, Security Investigations, XDR/EDR, Linux, Bash, PowerShell, OWASP

## PROJECTS

### Restaurant QR Code Ordering System (*Personal Project*)

MAR 2025

- Developed a full-stack restaurant ordering system enabling customers to scan a QR code to browse the menu and place orders.
- Built the **frontend with React** and the **backend using Node.js & Express**, utilizing **MongoDB** for data storage.
- Designed separate user and merchant portals with **CRUD operations** for menu items, orders, and user management.
- Implemented **JWT authentication** for secure access control.
- Integrated **restaurant printer support** for automatic order printing and **real-time updates** between customer and merchant interfaces using WebSockets.

### InStock Warehouse Management System (*BrainStation Team Project*)

MAR 2025

- Built a warehouse system with **React, Node.js, Express, and MySQL**, enabling **CRUD operations** for warehouses and inventory. Led frontend development for **four key pages**, ensuring pixel-perfect responsive design. Implemented **delete modals, fuzzy search with debounce, and sorting**.
- Collaborated using **Agile, Jira, and GitHub GitFlow**, and conducted thorough **code reviews**. Earned a **98.5% overall project score**.

## EDUCATION

### BrainStation | Diploma, Software Developer

JAN 2023 - APR 2023, Toronto, ON

### Laurentian University | Masters in Computational Science

JAN 2023 - JUL 2024, Sudbury, ON

### Chongqing University | Bachelors in Electrical Engineering

SEP 2017 - JUL 2021, Chongqing, China

## EXPERIENCE

### Experience Ambassador | CanadaGoose

AUG 2024 - NOV 2022, NORTH YORK, ON

- Developed problem-solving skills by troubleshooting customer inquiries and optimizing in-store processes.
- Worked in a fast-paced team environment, coordinating with colleagues to streamline operations and improve efficiency.
- Gained experience in data-driven decision-making by analyzing customer interactions to improve service strategies.

### Front-end Development Intern | YILING

MAY 2022 - SEP 2022, CHONGQING, CHINA

- Collaborated with backend developers to integrate RESTful APIs, ensuring seamless data flow between front-end and server..
- Utilized Git for version control, participating in code reviews to maintain clean and efficient code.