Mohit Bhagchandani

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EDUCATION

University of British Columbia   Vancouver, BC

3rd Year, BSc. Major in Computer Science, Co-Op   *Sep 2021 - May 2026*

TECHNICAL SKILLS

- **Programming Languages:** Java, Python, C++, C, JavaScript, MATLAB, R
- **Web:** HTML, CSS, Bootstrap, Node.js, Express.js, React.js, Three.js. Chart.js, Django
- **Tools:** GIT, Github, JUnit, JavaFx, MySQL, MongoDB, Redis

EXPERIENCE

Junior Developer, Co-Op   Sep 2023 - May 2024

Jostle   *Vancouver, BC*

- Will work on the QA Automation team

Technical Internship   May 2020 - May 2022

SmartMax IT   *Dubai, UAE*

- Constructed a static website using WordPress; enabling the company to reach its customers during COVID-19.
- Shadowed solutions for firewall management, server management, and cloud services for government organizations

Technical Internship   May - Aug 2020

Matay LLC   *Dubai, UAE*

- Developed an e-commerce website with front-end using WordPress, managed 100 products using WooCommerce
- Integrated Google sign-in for a federated sign-in experience
- Incorporated third-party payment gateway to provide seamless payment methods

TECHNICAL PROJECTS

NBAViz   Github

Personal Project   *Aug 2023 - Present*

- Developed an application to visualize statistics for NBA players using React.js and Chart.js for front-end
- Decreased API calls to nba_api and reduced page load times by over 99% using Redis-based caching
- Utilised the ARIMA model to forecast the future performance of active NBA players
- **Technologies:** React, Chart.js, Django, Node, Redis, Python, Material UI

Secure Vault   Github

Personal Project   *Jun - Aug 2022*

- Programmed a password manager using Java with a UI and a SQL database to store and retrieve information.
- Automated the CRUD process to read and write encrypted user data to a SQL database using JDBC
- Reinforced security through cryptography such as AES, SHA and pbkdf2 to encrypt data as per NIST standards
- **Technologies:** Java, SQL, JDBC, JavaFX, AES, SHA, pbkdf2

Personal Website   Github

Personal Project   *Jul - Aug 2022*

- Deployed my personal website which has a terminal theme using HTML, CSS, and Vanilla JavaScript
- Manipulated the textArea element using CSS to make it inline and used JavaScript to process user input
- Hosted the website using Github Pages
- **Technologies:** HTML, CSS, JavaScript, Github Pages