

Aditya Shinde

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PROFILE

Seeking opportunities to apply my skills and gain practical experience in a professional setting. Eager to work in an environment where I can leverage my technical abilities and contribute to projects.

EDUCATION

Bachelor of Engineering: Computer Engineering (Graduation 2027)

09/2022 – 04/2027

Toronto Metropolitan University (formerly Ryerson University)

Toronto, Canada

- Courses – Coding Algorithm and Data Structures (Java, Python), Electrical Systems and Arduino, Linear Algebra (Matlab), Discrete Mathematics

High School Diploma

10/2021 – 05/2022

Earl Haig Secondary School

Toronto, Canada

- Relevant Courses – Introduction to Programming (C++), Mathematics of Data Management, Accounting and More
- Activities – Earl Haig chess club and Earl Haig programming club

PROFESSIONAL EXPERIENCE

Ryerson Supermileage SAE

07/2022 – 08/2023

Engine and Electrical Team

Toronto, Canada

- Work in a team of 10-15 members and build a working car from scratch to take part in the SAE Supermileage Competition.
- Design, machine and manufacture custom parts for the modified Briggs & Stratton 206 Engine along with developing a plan to increase the efficiency and fuel consumption.
- Engineer the internal electrical system and modules within the car as well as maintain the proper functioning of both the engines.

Metropolitan Undergraduate Engineering Society

07/2023 – 02/2024

External and EDI Committee

Toronto, Canada

- Spearheaded the planning and execution of comprehensive events and initiatives aimed at supporting the smooth transition of incoming first-year students to the university and upper years.
- Actively soliciting and addressing their feedback and concerns to enhance their university experience and provide guidance as part of MUES.

JPMorgan Chase & Co.

05/2022 – 06/2022

Virtual Internship

Toronto, Canada

- Analyzed and refined existing code to interact with stock data and use data analytics to highlight potential trading opportunities.
- Implemented Perspective, an analytics web component for data visualization, to display the solutions of the twin stocks in a chart.

SKILLS

Technical Skills

Java, C++, Python, Javascript (Node.js, React), HTML, CSS, MySQL/Mongo DB, RESTful API's

Other Technical Skills

Generative AI, Data Analysis, Graphic Design

PROJECTS

Bank Database System

Java, Swing, MySQL Database

- Developed a comprehensive banking system using Java, Swing, and MySQL, providing a robust platform for user authentication, account management, and transaction processing.
- Implemented key banking features such as account creation, validation checks, money withdrawal and deposit, fast cash removal, and PIN change, enhancing the user experience and system functionality.
- Enabled multi-user support with individual login and signup capabilities, ensuring secure and personalized access to banking services. All user accounts and statements are persistently stored and managed using a MySQL database.

FullStack Indeed Clone

React.js, SpringBoot, Hibernate, MongoDB

- Engineered a job search platform mimicking Indeed's functionality using React.js and Material-UI for the frontend, and Spring Boot with Hibernate for the backend. The platform allows employers to post jobs and stores these postings in a MongoDB database.
- Implemented key features such as job search, account creation, and user authentication. Users can sign in to their accounts to access personalized services.

Advanced MERN ECommerce Website (in progress)

MongoDB, Express.js, React, Node.js, tailwind css

- Developing a comprehensive e-commerce platform using **MERN** (MongoDB, Express.js, React, Node.js)
- Planning to implement key features such as **user authentication**, cart integration, and secure payment processing....
- **API integration** and **database** with MongoDB for seamless data handling, by connecting **frontend** and **backend** seamlessly.

Mini-Projects

- Several JavaScript apps like a weather application using Rest API's, etc..

Currently advancing my skills in Python and JavaScript, while also exploring Node.js, Django, and other technologies to provide a diverse perspective.