Aditya Patel

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EXPERIENCE

Software Developer Intern   May 2023
Royal Bank of Canada   *Toronto, ON*
- Incoming Intern. Data Engineering and Dev'Ops Team

Trade Floor Web Developer Intern   May 2022 – Sep. 2022
Scotiabank - GBM Capital Markets   *Toronto, ON*
- Engineered, deployed, and supported Full Stack C# applications, across the fast-paced trading floor
- Built 3 major full stack web applications from scratch - Email Communication Archive, File-Validator, JSON-To-Excel, and their API functionality, operated by divisions across the bank, worldwide
- Developed Back-end RESTful API, SSH-FileTransfer, utilizing SCP and SFTP protocols, to securely transfer files to remote UNIX based servers, accelerating processing rates by 38%
- Resolved over 2000 discrepancies from Scotiabank staff migration database employing complex SQL queries & identified improvements in database design
- Presented the deployed projects to the COO & GBM executives, at the GBM-Tech Showcase, explaining the applicability, necessity and benefits of the tools created

Software Developer   Aug. 2022 – Feb. 2023
IEEE - Toronto Metropolitan University   *Toronto, ON*
- Building, designing, and maintaining the IEEE TMU websites and registration systems
- Developing new functionalities into the site, like event registration portal, contact form etc. Working on domain migration and website rebranding (Prev. IEEE Ryerson University)
- Organized events like Industry night etc., attended by more than 100 students and industry professionals from leading tech companies and start-ups

Software Developer   Oct. 2021 – Feb. 2022
ENACTUS - Toronto Metropolitan University   *Toronto, ON*
- Developed the "TO-Thrive" web application, an e-commerce start-up under the incubator Enactus-TMU
- Engineered the platform using Webflow, prototyped in Figma and utilized SQLite3 database
- Worked with SQL queries to keep the website updated with the latest products and customer details
- Continually communicated with other developers by evaluating technical solutions and incorporating feedback

PROJECTS

TypeSnap | *Next.js, JavaScript, Vercel, HTML/CSS*   Jan 2022
- A full stack project, to convert user-entered text description to image with various styles and save user preferences
- Implemented responsive design and optimized performance, while incorporating user authentication and session management via JWT, enabling users to save and revisit their preferred TypeSnaps
- Built on Next.js, using DALL-E API, and deployed on Vercel

Ecommerce System | *Java*   April 2022
- Built a simulated Java-based e-commerce system for users to order and ship items to their address.
- The system incorporates individual user accounts and carts, enabling seamless management of user-specific item selection, modification, and order placement

TECHNICAL SKILLS

Languages: Java, Python, C/C++, C#, JavaScript, SQL (Postgres, MS SQL), HTML/CSS, Shell Scripting, Lisp
Frameworks: .NET, React, Node.js, Next.js, Django, jQuery, WordPress
Developer Tools: Git, Postman, Linux, Vercel, Figma, AdobeXD, TailWind CSS, Bootstrap, Visual Studios, Notion

EDUCATION

Toronto Metropolitan University   Sep. 2021 – May 2026
Bachelor of Science (Honours) **Computer Science** *(Co-op)*   *Toronto, ON*
- **Relevant Courses**: Data Structures, Unix C & C++, Computer Science I-II, Discrete Math, Calculus I
- Dean's List 2021 - Present