

Sohel Shekh

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Experience

Backend Developer (Zeuty – intern)

May 2024 – Present

- Designing and implementing scalable backend solutions using Express & TypeScript to support rapid growth and user acquisition.
- Collaborating closely with the founding team to define technical architecture and product roadmap.
- Ensuring robust security measures and data protection protocols are implemented to safeguard user information.

Backend Developer (UofT Hacks - University of Toronto)

May 2024 – Present

- Led migration of entire backend infrastructure from JavaScript to TypeScript, enhancing code maintainability and scalability.
- Upgraded and maintained Hacker and Admin Dashboard, QR Functionality, and Mentor - Hacker Matching Tool, optimizing functionality and user experience.
- Managed Database section (MariaDB), ensuring efficient data storage, retrieval, and security protocols.
- Provided technical support and guidance for backend development & ensured all backend team developments were accurately reflected in internal documentation

eCommerce Website (the soulspace – freelance)

Aug 2022 – Feb 2023

- Engineered user-centric eCommerce platform with Instamojo payment gateway, emphasizing seamless user experience.
- Developed mobile-responsive design, ensuring accessibility across devices and improving customer satisfaction.
- Integrated diverse payment options and order tracking system, enhancing transaction efficiency.
- Optimized SEO strategies, bolstering website visibility and attracting new customers.

Student Management System (Mirror Institute – freelance)

Aug 2022 - Feb 2023

- Engineered Attendance System with custom calendar UI, improving parental engagement and operational efficiency.
- Implemented automated SMS alerts for timely communication between staff, parents, and students, enhancing transparency.
- Streamlined Test Results and Work Submissions, facilitating efficient data input and real-time updates.
- Architected secure Faculty Portal with role-based authentication, ensuring data privacy.

Hackathons

(Mentor) JamHacks 2024 (University of Waterloo)

June 2024

- Mentored 20+ teams within the span of 3 days & 2 nights.
- Helped new learners with getting started with projects, development path and solving their errors.
- Helped the young Hackers with JavaScript, TypeScript, Python, C++, Cairo (Starknet Blockchain Network), Near Blockchain, Arduinos, Router/Local Network Configuration, ESP32 Camera Modules, MongoDB, Teaching Blockchain from scratch.

- Judged in the “Best Use of NEAR” sponsor category and helped judges in the general judging leading to identification of

HawkHacks 2024 (Wilfred Laurier University) – “Curo”

May 2024

- Blockchain based Medical Donations for Cancer patients build on NEAR Network with NEAR Wallet, utilizing the power of Smart Contracts and Next based frontend.
- Built using Next.js, NEAR TS, TailwindCSS, MongoDB, Neurelo, Near Blockchain

GDSC Hacks 2024 (University of Guelph) – “Nice Question!”

May 2024

MLH Sponsor Winner

- Project for generating personalized learning content using AI based on user input files.
- Implemented data management with Firebase Firestore DB and user authentication with Firebase Authentication.

NSBE Hacks 2024 (University of Toronto) – “ClinicMate”

Feb 2024

- Developed the front-end of ClinicMate, an AI-powered platform to optimize healthcare wait times.
- Built the user interface using Next.js, Tailwind CSS, Cohere AI, and MongoDB.

Hackville 2024 (Sheridan College) – “SkillNode”

Jan 2024

MLH Sponsor Winner

- Led team to win "Best Use of TinyMCE" category.
- Developed SkillNode, a user-friendly web app to guide newcomers in navigating unfamiliar learning journeys.
- Built the front-end using Next.js, React Hooks, and Google OAuth Login.

Education

Sheridan College – Davis Campus

2024 - 2027

- Software Development & Network Engineering, Major in Computer Science
- Math, Web Dev, Java, Database Design & Architecture, Cloud & Networks
- CGPA: 3.9/4

Skills

Programming Languages: JavaScript, TypeScript, Python, Kotlin, React, Next.js, Tailwind CSS, Framer Motion, Three.js, GSAP, Node.js, Express.js, Flask, FastAPI, Django, PostgreSQL, MySQL, SQLite, Firestore DB, MongoDB, Cloudinary, Supabase, Firebase, Docker, Git, GraphQL, Strapi, JWT (JSON Web Tokens)

Soft Skills: Clear & Concise communication, Problem Solving, Time Management, Attention to detail, Team Collaboration.