

Ojas Srivastava

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TECHNICAL SKILLS

Languages: Java, JavaScript/TypeScript, Python, C++, R, OCaml, GDScript

Frameworks & Libraries: React, Next.js, Tailwind CSS, Express.js, FastAPI, Django, Unity (C#), Godot (GDScript), TensorFlow.js, PyTorch, Redis, Three.js, Quasar, Spring Boot

Databases: PostgreSQL, MySQL, MongoDB, Prisma, Docker (for DB deployments)

Developer Tools: Git, GitHub, GitLab, Docker, JUnit, PyTest, Postman

EDUCATION

McGill University

Bachelor of Science in Mathematics and Computer Science

Montréal, QC

Aug. 2023 – May. 2027

Relevant Coursework: Algorithms and Data Structures (Java), Software Design (Java), Programming

Languages and Paradigms (OCaml), Software Systems (C, Bash), Computer Systems (MIPS Assembly),

Compiler Design, Theory of Computation, Statistics (R), Probability, Numerical Analysis (MATLAB), Abstract Algebra I & II, Ordinary Differential Equations, Advanced Calculus

EXPERIENCE

Software Development Intern

Apr. 2025 – Aug. 2025

Nakisa

Montréal, QC

- Enhanced accessibility features across 5+ web applications for 10+ fortune 500 companies.
- Optimized keyboard navigation and screen reader support, reducing navigation time by 30%.
- Conducted accessibility audits with Axe and Lighthouse, resolving 50+ critical issues.
- Collaborated with UX and frontend teams to implement high-contrast themes and ARIA attributes, increasing adoption by 20%.
- Engineered 3+ Java backend services, fixing 20+ database bugs and improving query performance by 40%.
- Resolved 40+ critical export and frontend bugs, improving system reliability by 25%.

Software Developer

Mar. 2023 – Apr. 2025

CodeDay

Remote

- Developed and maintained Next.js frontend with GraphQL API integration, reducing page load times by 30%.
- Engineered PostgreSQL backend with 5+ automated pipelines, cutting workflows by 40% and processing 10,000+ records daily.
- Created 8+ automation tools in Python and C++, saving 20+ hours weekly and improving efficiency by 25%.
- Led a global team of 15 to deliver hackathons for 1,000+ participants annually.

PROJECTS

Nuclear (AI-Powered Notetaking Startup) | Next.js, Supabase, Prisma, Redis

Jun. 2025

- Co-founded AI-powered notetaking app with 100+ active users, 40% monthly growth, and 500+ notes processed daily.
- Implemented semantic search using Perplexity Sonar, reducing note retrieval time by 60% and achieving 95% search accuracy.
- Secured 3 educational partnerships and seeking pre-seed funding.

SymLang (McHacks Winner) | JavaScript, Next.js, TensorFlow.js, Computer Vision

Feb. 2025

- Created AI-powered gesture recognition system for hands-free programming, achieving 90% accuracy across 15+ gestures.
- Trained custom classification model in TensorFlow.js, achieving 85% accuracy with 10,000+ training samples.
- Showcased at McHacks 2025, demonstrating an innovative approach to accessibility and intuitive coding.

CodeView (UoFT Hacks winner) | Next.js, Tesseract React, Docker, PostgreSQL, Prisma

Jan. 2025

- Created code analysis app that scans handwritten code and provides Big O complexity analysis for students.
- Implemented OCR technology using Tesseract.js to scan handwritten code with 90% accuracy and real-time Big O analysis.
- Built a comprehensive rating system that evaluates code efficiency and provides actionable feedback to improve student coding skills.