JONATHAN ANDREI

Senior software developer building things that *actually matter.*

jonathanandrei.com
github.com/JonathanSolvesProblems
linkedin.com/in/jonathanandrei

Award-winning full-stack, mobile, and AI developer. Shipping production tools and AI-driven products since 2017.

STACK

LANG	TypeScript · Python · C++ · C#
FE	React · Next.js · React Native · Tailwind
BE	Node · FastAPI · Postgres · Supabase
AI	LLMs · MCP · FHIR · A2A · RAG
ENT	ServiceNow · SAP · HRSD · CDS Hooks

AWARDS

- **OpenAI Open Model Hackathon, Winner (2025)**
- **Agents Assemble: Healthcare AI, Winner (2026)**
- **DEV Weekend Challenge, Best Use of Google AI (2026)**
- **UiPath AgentHack, Test Cloud, 1st place (2026)**

LANGUAGES

English · French (FR-CA)

AVAILABLE

Remote · Worldwide

01 / SELECTED PROJECTS

MaternalGuard WINNER
APR – MAY 2026

FHIR R4 MCP server, 5 clinical tools, two-level A2A agent composition. Every claim cited with LOINC codes and ACOG Practice Bulletins.

Steam Print WINNER
SEP 2025

gpt-oss local on Steam Deck, offline voice control via Vosk, OctoPi live print monitoring, end-to-end voice-to-3D-print workflow.

Pick Your Side WINNER
JUL 2026

Manufactures a World Cup team from real football history. Gemini + Google Search grounding, strict responseSchema, ElevenLabs stadium performance. Best Use of Google AI, DEV Weekend Challenge.

FlakeWarden WINNER
JUN 2026

Agentic flaky-test triage on UiPath Maestro. 90.7% accuracy and a mechanism-enforced 0% safety false-positive rate on a 150-case corpus. 1st place, UiPath AgentHack 2026 Test Cloud track (333+ submissions, 104 countries).

LotZero
JUN 2026

Global live-auction marketplace on Amazon Aurora DSQL (money) + DynamoDB (social firehose). Measured zero oversells, zero double-spends under multi-region load.

02 / EXPERIENCE

N2 Help & Solutions
JUN 2025 – PRESENT

Freelance Developer · Canada

ServiceNow implementations including Hydro-Québec, SAP/ServiceNow integration, HRSD rollout. Cross-platform job-tracking suite with LinkedIn-aware fit ranking.

Cirque du Soleil
JUN 2023 – MAY 2025

ServiceNow Developer · Canada

End-to-end HR lifecycle automation with SuccessFactors integration. Modernized catalog approvals; shipped WSD module with interactive floor-plan desk reservations.

IBM
MAY 2022 – APR 2023

Project Manager · Canada

Led ITSM/ITOM/CSM integrations with Watson AI Ops, SevOne, and QRadar across telecom, healthcare, and finance clients in Agile environments.

Concordia University
JAN 2022 – MAY 2022

Research Assistant · Canada

Cross-platform C++ / OpenGL pipeline visualising real-time IMU data with quaternion rotations; pushed system accuracy to 99%.

Sphera
JUN 2021 – APR 2022

Data Developer · Canada

C# / Entity Framework mapping pipeline with efficient SQL, reduced production build time by 30%.