

# Joseph Nechleba

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## EDUCATION

Cornell University – B.A. Computer Science

*Ithaca, NY | May 2019*

Relevant coursework: Algorithms • Operating Systems • Machine Learning • Web Applications

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## SKILLS

*Frontend:* Angular • React • Next.js • Vue.js • JavaScript • TypeScript • D3.js • Tailwind

*Backend:* FastAPI • Node.js • Express • Nest.js • MongoDB • Mongoose • PostgreSQL

*Other:* Python • n8n • Java • Go • Docker • AWS • Selenium • CI/CD (GitHub Actions, Heroku)

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## PROFESSIONAL EXPERIENCE

**Odoo** – Full Stack Engineer

*Buffalo, NY | Feb 2026 - Present*

**InterSystems HealthShare** – Senior Software Developer *Boston, MA | July 2019 – July 2022*

- Built reusable Angular/TypeScript component library adopted by 5+ teams; improved UI consistency and reduced delivery time 20%.
- Modernized legacy AngularJS app to Angular 15, cutting build size by 50% and ensuring long-term maintainability.
- Maintained iframe-based navigation system enabling seamless transitions between distributed, cross-server apps.

**Freelance Developer / World Expedition**

*Remote | July 2022 – May 2025*

- Delivered freelance projects like [Trattoria Pelliccia](#) (Angular-based restaurant site; 1k+ organic views/mo).
- Circumnavigated the globe across 19 countries while working internationally (developer, English teacher, hospitality)

**Vimbly** – Full Stack Developer Intern

*New York, NY | Summer 2018*

- Built React UI, SQL schemas, and Node middleware to support Catch Fashion's e-commerce integration.
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## SELECTED PROJECTS

### [Semantic GPT Moodboard Generator](#)

*Stack:* FastAPI • OpenAI • PostgreSQL • Redis • React • Tailwind • Docker

- Full-stack AI app to auto-generate moodboards using GPT-based captioning + semantic vector search, scalable async job system with Redis + ARQ for embedding + K-Means clustering.
- Dockerized FastAPI backend on Fly.io; React/Tailwind frontend on Vercel with GitHub Actions CI/CD.

### [Pokémon Team Builder](#)

*Stack:* Angular 19 • Node.js • Express • MongoDB • Mongoose • JWT

- Full-stack CRUD app with infinite scrolling and protected routes for team creation + stat tracking.
- Integrated evolution chains, sortable stat tables, and real-time filtering.