Ethan Price

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EDUCATION

University of Maryland <div align="right">College Park, MD</div>

Bachelor of Science in Computer Science <div align="right">***GPA: 3.57*** | *December 2026*</div>

- Relevant Coursework: Data Structures & Algorithms, Organization of Programming Languages, Object-Oriented Programming I & II, Computer Systems

TECHNICAL SKILLS

- **Languages and Databases**: TypeScript, Python, SQL (PostgreSQL), MongoDB, OCaml
- **Web/Backend**: React, Node.js, Express.js, FastAPI, HTML/CSS, Tailwind CSS
- **DevOps**: Terraform, AWS, Scalr, GitHub Actions (OIDC)
- **Developer Tools**: Git, VS Code, Cursor, Insomnia, Linux Command Line

EXPERIENCE

Software Engineer Intern <div align="right">June 2025 – Present</div>

Xometry – AI-driven marketplace for custom manufacturing <div align="right">*Bethesda, MD*</div>

- Refactored RFQ (Request for Quote) access controls and hardened error handling across React + Python/FastAPI services, restoring quoting for 10k+ accounts and **eliminating** RFQ access errors.
- Built a prod-to-S3 nightly database backup and stage/local seed pipeline (Terraform/Scalr, AWS S3, GitHub Actions OIDC, TypeScript) with chunked upserts of 1k rows keeping DB load $\leq$15% CPU, spearheading the initiative that enabled internal staff to safely extend partner capability data in production.
- Resolved user-reported issues end-to-end (Insomnia, logs, targeted reproduction), tracing failing REST calls and shipping 10+ hotfixes to restore functionality and reduce repeat incidents.
- Co-designed & shipped a DFM chatbot API and frontend integrating Confluence/internal data; defined schemas, rate limits, and guardrails, achieving 500ms average latency and 10 weekly active internal users.

Substitute Teacher <div align="right">February 2025 – Present</div>

Montgomery County Public Schools <div align="right">*Rockville, Maryland*</div>

- Provided classroom instruction & managed student behavior according to MCPS lesson plans.
- Collaborated with administrators and support staff to adapt lessons on the fly.

PROJECTS AND FREELANCE WORK

CallHawk | *TypeScript, FastAPI, React, MongoDB* <div align="right">August 2025 – Present</div>

- Built a multi-tenant IVR receptionist for home-service SMBs using FastAPI, MongoDB Atlas, React; cloud-deployed (Render) with preconfigured dev/prod environments.
- Shipped IVR/emergency triage, voicemail-to-text, and an admin CRM-lite dashboard; Achieved 500 ms median time from missed call to dashboard notification.
- Integrated Twilio Voice & SMS (Gather, StatusCallbacks, Recordings, webhooks) with A2P 10DLC-registered messaging and Twilio signature verification; structured event logging for auditability.
- Implemented multi-tenant authentication/authorization via Clerk; enforced tenant scoping across requests, data models, and Twilio configuration to prevent cross-tenant access.

Behaviorist | *TypeScript, Express.js, React Native, PostgreSQL* <div align="right">December 2024 – Present</div>

- Built a cross-platform habit tracking app with Express.js + PostgreSQL backend and React Native frontend.
- Designed mobile-first UI in React Native + TypeScript for responsive and performant interaction.
- Implemented RESTful API architecture supporting real-time habit logging and progress tracking.

Stretch With Donna (Freelance) | *React, TypeScript, Tailwind CSS* <div align="right">January 2025</div>

- Developed and deployed a fully responsive, SEO-friendly business website using React, TypeScript, and Tailwind CSS.
- Implemented CI/CD and hosting on Vercel for fast and reliable deployment.
- Collaborated directly with the client to gather requirements, iterate on design, and implement features such as a contact form.
- Live at: **stretchwithdonna.com**