

Ethan Borkosky

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Objective

Dedicated professional seeking software development work to help the company advance and achieve its goals. Looking for growth in the company and to further develop my skill set.

Skills

Javascript, Python, C#, PHP, Node.js, Dart, Git, Typescript, HTML5, CSS, React JS, Angular, Flutter, Ionic, .NET, Laravel, building/consuming APIs, Docker, Firebase, Google Cloud Platform, SQL, MySQL, NoSQL, PostgreSQL, Github, Agile, Digital Ocean

Education

Awesome Inc. Web Development Bootcamp

- A 16-week, full time web development bootcamp at Awesome Inc in Lexington, KY. Learned how to develop dynamic web-applications starting from the pseudocode all the way to deployment. Learned about the full lifecycle of a program, agile development, and much more (see skills).

Transylvania University

- Music Technology | Computer Science

Tates Creek High School

- GPA: 3.5
- International Baccalaureate Program

Professional Experience

TalentValue Inc.

July 2020- December 2025

Software Engineer

Frontend: Angular, Ionic, React (Vite/Daisy UI) | **Backend:** Django REST, Node.js, MySQL, NoSQL, Firebase

- Developed and maintained a compensation intelligence web app using Angular/Typescript, delivering data-driven tools based on real-time MarketValue compensation predictions.
- Led development of the core MarketValue prediction calculator (“Search”), enabling users to evaluate compensation for thousands of roles across 40,000+ companies or custom combinations of stage, valuation, location, market space, and employee count.
- Designed and implemented server-side PDF report generation for the Search tool using Node.js, with automated delivery via SendGrid.
- Integrated public hiring ranges and H-1B compensation data into the prediction model by ingesting raw CSV datasets with Python, normalizing the data, and persisting it in a relational MySQL schema. This significantly improved prediction accuracy for individual contributor roles.
- Led development of Market Tracker, a UI-heavy “smart spreadsheet” feature enabling team- and department-level compensation benchmarking across companies and markets, balancing high user interactivity with clear, readable data presentation.
- Built Node.js Firebase Cloud Functions to support backend automation, including email workflows, report sharing, and server-side PDF generation.
- Architected and implemented a new Python-based prediction service using Django REST, replacing a legacy system with a modular, scalable architecture; designed new relational MySQL models and optimized query performance to significantly improve prediction speed and handle batch predictions.

Personal Projects

Comfort Compass App - Mobile app (Flutter front-end) concept that curates accessible, personalized activity recommendations for individuals with disabilities, using comfort-based data scoring and location intelligence.

- **Atlas-Core**- Developed a .NET (C#) API using [clean architecture](#) and **dependency injection** to serve as the system's core data and service layer. Handles structured data models, versioned schemas, and service orchestration between microservices.
- **Atlas-PlaceSync**- Built a Python microservice for ingesting and translating Google Places data into standardized schemas for use by the core .NET API.