

Pujit Mehrotra
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PROFESSIONAL EXPERIENCE

LEGISLAIDE, Denver, CO 2023 - 2024
Technical Cofounder

- Built a policy-writing product based on GPT-4 for government use end-to-end, including design, frontend, backend, security, and infrastructure.
- Created Python tools for model analytics and training involving input from non-technical colleagues, improving bug resolution and feature development times over 10x.

KACHOW, San Juan, Puerto Rico 2020 - 2022
Chief Technology Officer

- Built and led a staff of 21 technical and non-technical contributors, resulting in profitability and company acquisition in 2022.
- Developed software systems for restaurant ordering, fulfillment, and operations, including frontend, backend, infrastructure, and developer operations across web and mobile platforms (iOS & Android).
- Rapidly delivered new websites and ordering systems for Puerto Rican restaurants to meet COVID demand with average turnaround times of 1 week, including client discussions, design, development and deployment. Used Next.js, Vercel, Tailwind CSS, Stripe, Temporal, and AWS Serverless products.

FLIGHTSQUAD, Boston, MA 2019 - 2020
Founding Software Engineer

- Developed a flight search engine that found trips 15% less expensive than Google Flights on average.
- Built a terabyte-scale web scraping and ETL pipeline alone, including dynamic algorithmic tuning via Google Sheets managed by non-technical colleagues, using Postgres, AWS, and Node.js.

AGNIMURUS, Baltimore, MD 2014 - 2019
System Administrator

- Built datacenter of 13 servers & GPU clusters supporting financial trading software and web portals.
- Developed a cross-platform (Flutter) marketplace mobile app used by 100's of consumers.

THE JOHNS HOPKINS UNIVERSITY APPLIED PHYSICS LABORATORY, Laurel, MD 2016 - 2018
Software Engineering Intern

- Developed unit and integration tests for space mission logistics software, which were used to help launch and maintain space programs such as the Mars rovers *Curiosity* and *Perseverance*.
- Created 3 virtual reality terrain simulations (Unity, HTC Vive) and contributed source code to a web VR framework.

EDUCATION

MASSACHUSETTS INSTITUTE OF TECHNOLOGY 2019 - 2020
Graduate Coursework in Supply Chain Management. GPA: 4.00/4.00

BABSON COLLEGE 2018 - 2021
Bachelor of Business Administration. GPA: 3.32/4.00

TECHNOLOGIES & SKILLS

- **Programming:** Distributed Systems, Functional programming, Dynamic programming, Javascript/Typescript, Python, Go, Java, C#, C/C++, Lisp
- **Tools:** Language Models, NLP, React/Next.js, CSS, Kubernetes, Serverless AWS (Lambda, Fargate, ECS/EKS), Postgres, Redis, Temporal, Git, CI/CD, Stripe
- **Business Skills:** Listening, conflict resolution, leadership, public speaking, negotiation, mentoring, financial modeling, cash flow management