

Jatin Punjabi

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EDUCATION

Boston University

Bachelor of Sciences, Computer Engineering: Concentration in Machine Learning
Minor: Business Administration & Management

Boston, MA

Aug 2024 – May 2028

Relevant Coursework: Linear Algebra, Data Structures & Algorithms, Software Engineering, Probability, Statistics & Data Science

PROJECTS

Noogie - Best Design @ PennApps XXVI

Python, TypeScript, React, Supabase, d3.js, OpenAI API

Sep 2025

- Built an AI-powered news platform delivering unbiased summaries and interactive visualizations
- Engineered scalable APIs and data pipelines to scrape and normalize 500+ articles daily with robust error handling
- Integrated OpenAI's API and custom classification models to cluster content, enhancing performance and user experience

Typing Wars

JavaScript, Node.js, Firebase, OpenAI API, HTML, CSS

Aug 2025

- Built a single- and multi-player typing game with smooth UI transitions, responsive gameplay, and real-time scoring
- Integrated Firebase Authentication and Firestore to manage users, persist high scores, and maintain game history
- Developed performance analytics with AI-powered feedback via the OpenAI API, supported by a Node.js/Express backend

EduQuest

TypeScript, Next.js, CSS

Jun 2023

- Built a classroom engagement platform, enabling teachers to reward students to increase student engagement
- Designed and implemented leaderboards, prize redemption, and progress tracking features to gamify learning
- Utilized TypeScript and Next.js to create a scalable, maintainable, and responsive web application.

EXPERIENCE

Livelo

Software Engineering Intern

Sydney, NSW, Australia

Sep 2025 – Present

- Built a full-stack rental system using React, TypeScript, and Supabase, migrating from Shopify to a custom booking widget
- Designed schemas and real-time backend services in Supabase, Stripe, & Auth0 to optimize data synchronization
- Implemented autonomous AI agents to automate internal workflows and customer support

PsychoLinguistics Lab

Undergraduate Research Intern - Data Analytics

Boston, MA

Sep 2025 – Present

- Conducting advanced data analytics for a research study on bilingualism and morality
- Utilizing Python with the pandas library for efficient data cleaning, manipulation, and feature engineering
- Employing Python for statistical modeling and generating data visualizations to support research findings

BostonHacks

Logistics Team

Boston, MA

Jan 2025 – Present

- Planned and executed the annual Fall 2025 BostonHacks hackathon for 300+ undergraduate students
- Coordinated judges/vendors and event logistics by creating the 2025 Run of Show
- Hosted a Mini-Hackackthon in the Spring to garner engagement for the hackathon

Boston University IT Help Center

IT Support Technician

Boston, MA

Aug 2024 – Present

- Assisted clients with IT support via phone, walk-ins, and email, resolving hardware, software, and account issues
- Logged and tracked service requests in ServiceNow to ensure accurate resolution.
- Assisted faculty with code debugging and technical concerns through in-person and phone support

Human to Everything (H2X) Lab

Undergraduate Researcher

Boston, MA

Oct 2025 – Dec 2025

- Assisted in developing an ML model to analyze and represent dog motion patterns using motion capture sensor data
- Assisted in the collection, cleaning, and analysis of sensor data to build a model of kinematics of a dog
- Contributed to research on creating a digital representation of how dogs move

Thinkland.ai

Python Instructor

Remote

Apr 2021 – Aug 2025

- Created and taught a Python curriculum, from basics to object-oriented programming, for students in grades 5-8
- Assigned creative programming projects that challenged students to solve real-world problems through code
- Maintained clear communication with parents by writing detailed weekly reports

TECHNICAL SKILLS

Languages: Python, JavaScript, TypeScript, Java, C/C++, Swift, HTML, CSS, MATLAB, Bash/Zsh

Frameworks & Technologies: Node.js, Express.js, React, Next.js, Firebase, Cloud Firestore, SciKit-Learn, OpenAI API, Arduino

Tools: Git/GitHub, VS Code, Xcode, PyCharm, IntelliJ, Vercel, OnShape, Figma, Jira, ServiceNow, Microsoft Office