

TAMARA ALHAJJ

Full-Stack Developer with an emphasis on Backend Systems and a passion for Machine Learning

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EXPERIENCE

Fullstack Software Developer

The Institute for Ethical Venture Capital

 Present  Remote

- Working as a volunteer at ethics.vc, a non-profit start-up, dedicated to exploring and promoting best practices in ethical venture capital
- Designing and developing application from concept to deployment, including UI/UX design (Figma), database architecture (PostgreSQL), and front-end/back-end development (Python and Django).

Fullstack Software Developer

Tempo.io (Through acquisition of Roadmunk)

 April 2020 - June 2024  Remote

- Advanced from Intermediate to Senior Software Developer, demonstrating growth and leadership
- Created solutions in a fast-paced start-up environment, growing to a mid-sized company
- Focused extensively on API development as part of a high-performance agile team, significantly boosting customer adoption and reducing churn through the implementation and maintenance of third-party API integrations for roadmapping software
- Worked on an AI chatbot using Python and integrated APIs for seamless information retrieval across Tempo products, reducing developer reliance by enabling autonomous access for sales and support teams
- Implemented the Feedback and Idea Management solution, enabling users to filter feedback, prioritize features, and effectively promote ideas on roadmaps
- Initiated and led a group supporting women in tech, promoting collaboration and engaging in mentorship of junior developers
- Often took opportunities to collaborate with sales to demo features
- Modernized legacy code to enhance accessibility, user experience, and performance
- Developed full-stack solutions using a wide range of technologies, including JavaScript, TypeScript, Node.js, ReactJS, Apollo + GraphQL, PostgreSQL, and MongoDB, across various projects
- Implemented unit tests with Sinon.js, Mocha, and Chai
- Leveraged git, GitLab, & AWS for version control for CI/CD
- Tracked usage metrics and assess performance improvements by setting up DataDog Dashboards

Innovation Web and Voice Developer

Sun Life Financial

 May 2019 – April 2020  Toronto, ON

- Developed and demoed secure backend features using Alexa Skill Kit and Dialogflow with GCP to share up-to-date data on investments and coverage with users of the Sun Life Voice Skill, ensuring data integrity and user privacy
- Mentored new co-op cohort each quarter
- Nominated for 2019 CEO's Award of Excellence

EDUCATION

Masters of Computer Science

Georgia Insitute of Technology

 Present  Atlanta, GA - Remote

- Pursuing OMSCS program part-time

Computer Science B.Sc Honours

Carleton University

 April 2019  Ottawa, ON

- PMC volunteer note taker for students with unique needs
- Received outstanding TA nomination

SKILLS

JavaScript React Node.js Python
Django PostgreSQL MongoDB
REST APIs Agile Development

CERTIFICATIONS


Cloud Practitioner CLF-C02

AWS

 In-Progress  Self-Study

Machine Learning Specialization

DeepLearning.AI & Stanford Online

 In-Progress  Coursera

- Applied ML techniques using Python and scikit-learn/TensorFlow; built regression, classification, and clustering models


Mathematics for Machine Learning and Data Science

DeepLearning.AI

 Dec 2024  Coursera

Exploratory Data Analysis For Machine Learning

IBM Skills Network

 Jan 2023  Coursera

MongoDB Performance (M201)

Analysis and optimization techniques

 June 2022  MongoDB University