

Contact

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adityaprabhu16](https://www.linkedin.com/in/adityaprabhu16) (LinkedIn)

Top Skills

AI Agents
Artificial Intelligence (AI)
Neural Networks

Languages

English (Native or Bilingual)
Konkani (Native or Bilingual)

Certifications

Supervised Machine Learning:
Regression and Classification
Advanced Learning Algorithms

Aditya Prabhu

Computer Engineer
Minneapolis, Minnesota, United States

Summary

I graduated with a Computer Engineering degree from the University of Minnesota Honors Program.

I solve problems. I use data to learn, build automations to save valuable time, and connect remote places together.

To solve these problems, I've built hardware for IoT and automation, machine learning for software, and AI Agents for user experience.

Software: Python, React.js, Flask, .NET Core, AWS, Raspberry Pi OS.

Hardware: WiFi, Thread & Matter, and LoRa modules from Espressif and Microchip.

Canopy Systems: it's living portfolio of work I've done: hardware to collect data, software to visualize the data, machine learning and AI Agents to understand the data, and automation to act against the data. Check it out at canopygrid.com or www.linkedin.com/company/canopy-systems

I'm actively working on Alure - we're exploring an alluring preventive method to tackle Japanese Beetles during the summer. Check us out at alurellc.com.

Experience

Ryan Companies US, Inc.
Artificial Intelligence Designer
May 2025 - Present (3 months)

- Natural language querying and retrieval by building custom AI Agents.

- LangChain, Google Cloud Platform, Vertex AI, Pydantic AI, BigQuery, Semantic Search

Alure LLC

CEO

December 2023 - Present (1 year 8 months)

- Invasive Japanese Beetles are a huge problem in MN and to our family plum trees each summer.
- Alure is designing passive mesh hubs that bring and terminate Japanese Beetles.

Ameriprise Financial Services, LLC

Technology Development Program Associate

June 2024 - May 2025 (1 year)

Minneapolis, Minnesota, United States

- Investment Research Networking: Built a backend note reconciliation service using AWS, .NET Background Service, C#, SQS.
- Client Secure Site: Built a FPID cookie tracking library using React.js, TypeScript, Jest, Nx Monorepo.

Atland Ventures

Director

October 2021 - June 2024 (2 years 9 months)

Minneapolis, Minnesota, United States

- Atland Ventures is a \$1M fund that is run by University of Minnesota students, that invests in pre-seed to seed-stage startups: <https://atlandventures.com/>

Target

Software Engineer Intern

June 2023 - August 2023 (3 months)

Minneapolis, Minnesota, United States

- Java SpringBoot, PostgreSQL, Flyway, Agile/Scum Workflow, Groov, Jira, Git
- Developed an API usage tracker using MVC framework for property design team.

Black River Systems Company

Software Engineer Intern

May 2022 - August 2022 (4 months)

Lakeville, Minnesota, United States

- Python, MATLAB, Matched Filtering, Receiver Operating Characteristic Curves, Binary Classifiers
- Created a signal filter using Python to detect & classify the drone signals from RF transmissions.

Education

University of Minnesota

Bachelor of Engineering - BE, Computer Engineering · (September 2020 - May 2024)

University of Minnesota

Talented Youth Mathematics Program (UMTYMP) · (December 2017 - May 2020)

Shakopee Senior High School

Science and Technology · (September 2016 - May 2020)