

# Lana Gasparyan

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 <https://github.com/lanagasparyan> |  <https://www.linkedin.com/in/lanagasparyan> |  UpWork

## Summary

I'm a driven Software Developer with over 3 years of experience in Python, Flask, and AWS. Currently in my last semester of a Bachelor's in Software Engineering, I have honed my skills in full stack development and gained experience in machine learning and prompt engineering. I am an AWS Certified Cloud Practitioner and hold CompTIA Project+ and ITIL® Foundation Certificates.

## Education

**Bachelor of Science in Software Engineering**, Western Governors University, Millcreek, UT **2021-2025 (expected)**

**Front End Web Developer NanoDegree**, Udacity **2020**

**MicroBachelors of Computer Science Fundamentals**, EdX / New York University **2020**

## Skills

### Adept

### Working Knowledge

#### Languages

Python, HTML

C++, Java, Javascript, CSS, SQL, BASH

#### Frameworks and Tools

Flask, Git, VS code

Node.js, Django, GitHub, AWS

## Projects

### **MemoDiction.com (Jekyll, Bootstrap, Python, OpenAI ChatGPT API, JavaScript, HTML, GitHub Actions)**

- Developed an innovative dictionary website to improve word retention, featuring mnemonic aids, etymology, idiomatic expressions, and more.
- Used OpenAI's API and prompt engineering with python to create Mnemonics, Misconceptions etc. Automatically for a word

### **BinaryDecimal.com (Node.js, React, Vite, Tailwind CSS, Netlify)**

- A web application featuring a collection of useful markdown editor, calculators, including scientific, base conversion, mortgage, and physics unit converters, along with a blog and notepad functionality.

### **Travel Weather and Cooking Blog Websites - Hosted on AWS (Node, HTML, CSS, Javascript, Web design)**

- Built static websites to provide travel booking services and publish cooking blog posts using Node.js, HTML, CSS, and JavaScript, to learn all these technologies and end to end hosting and management using AWS
- Converted the website to a static website and hosted it on AWS S3 with CloudFront for fast content delivery
- Learnt Other AWS technologies such as Route 53 for domain name management, CloudWatch for monitoring and Certificate Manager for configuring SSL certificates

### **Yelp Fake Review Detector (Python, Scikit-learn)**

- Developed a machine learning model using Python and Scikit-learn to detect [fake reviews on Yelp](#)
- Implemented feature engineering techniques and model evaluation metrics to improve accuracy to 0.89
- Learned and applied principles of natural language processing and machine learning to achieve a high accuracy rate in detecting fake reviews. The *precision score* was **0.84**, the *recall score* was **0.94**, and the *F1 score* was **0.89**.

## Work Experience

### **Freelance Software Developer, at UpWork ([Profile link](#))**

Jan 2024 – Present

- Developed Python scripts for NetCDF file merging and converted Markdown to ENEX, showcasing skills in data manipulation and file format conversion.

### **Medical Assistant, Accredited Dermatology, Brooklyn**

Jun 2016 – Oct 2017

- Implemented an automated appointment confirmation system using Google Sheets, Google Calendar, and Google Apps Script, enhancing office efficiency and data management.
- Streamlined patient intake and discharge processes, improving patient experience and reducing time by 20% through meticulous analysis of insurance benefits and records.

## Certifications

**AWS Certified Cloud Practitioner**

**2025**

**2023**

**ITIL® Foundation Certificate in IT Service Management**

**2023**

**CompTIA A+ Core 1**

**2022**

**Google IT Support Professional Certificate**, Coursera / Google

**2021**

**Complete Python Bootcamp**, Udemy

**2019**

Authorised to work in the United States as a Permanent Resident