

GAUTAM DOSHI

Santa Clarita, CA 91387

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LinkedIn: [linkedin.com/in/gdoshi88](https://www.linkedin.com/in/gdoshi88) | GitHub: github.com/gdoshi88

TECHNICAL SKILLS

Tools and Languages: Python, JavaScript ES6, Amazon Web Services(AWS), Flask, Postman, Docker, Kubernetes, Web Design(Bootstrap, HTML5 and CSS3), Tableau, SQL, Microsoft Azure Machine Learning, Selenium, Jira, Slack, Git

Database Skills: PostgreSQL, AWS Cloud Based Relational Databases, MongoDB, SQLite, SQLAlchemy, AWS DynamoDB, AWS Redshift

WORK EXPERIENCE

Teaching Assistant - Data Analytics University of California, Irvine

2019 – Present
Irvine, CA

- Held weekly meetings with course staff to discuss improvements to the course.
- Held tri-weekly office hours where students may get help on homework, labs and course concepts.
- Led online review sessions to provide additional support for students.
- Graded labs, homework's and projects.
- Occasionally instructed a class of twenty-eight students as a substitute instructor.

Back End Data Engineer Plus One Manufacturing Inc.

2016 – 2019
Carson, CA

- Built and managed relational and non relational databases using ETL and ELT Processes.
- Built and managed RESTful APIs integrating the use of several databases.
- Drew up and implemented cloud based application architecture.
- Performed SQL queries.
- Used Python, JavaScript, NodeJS, Hadoop, Flask, Spark, PostgreSQL, MongoDB, SQLAlchemy, Docker, Kubernetes, and AWS to build out different applications.

PROJECTS

Fertility Test U.S.A.

- github.com/gdoshi88/Fertility-ML-Project

- <http://fertilitytestusa.com/>

- Using a deep neural network machine learning model, my team and I created an app that predicts male fertility rates.
- **Responsibilities:** Training the neural network, hosting the app on Amazon Web Services(AWS), Web design.
- **Tools Used:** NodeJS, Python, AWS Lambda, AWS API Gateway, AWS Route53, HTML, CSS, Bootstrap, Microsoft Azure Machine Learning.

Laptop Finder

- github.com/gdoshi88/Laptop-Finder-Project-2

- laptopfinder.herokuapp.com/homepage/index.html

- After scraping the websites and using the API's for two major electronics stores, my team and I created a database of laptops offered and displayed them onto our application in different formats.
- **Responsibilities:** Web scraping, performing ETL(Extract, Transform, Load), Web design, creating map of physical store locations.
- **Tools Used:** Python, JavaScript, Flask, Heroku, PostgreSQL, Beautiful Soup, HTML, CSS, Algolia, D3.js

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EDUCATION

Data Analytics Bootcamp Certificate: University of California - Irvine, Irvine, CA

A 24-week intensive program focused on gaining technical programming skills in Excel, VBA, Python, R, JavaScript, SQL Databases, Tableau, Big Data, and Machine Learning.

High School Diploma: Golden Valley High School, Santa Clarita, CA

CERTIFICATIONS

- **Amazon AWS Certified Cloud Practitioner** - Credential ID: YBJJE14KFEFQ1LS8
- **CompTIA A+ Certification** – Credential ID: COMP001021472467