

JWALIN THAKER

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EDUCATION

Stevens Institute of Technology

MS in Applied Artificial Intelligence, Data Engineering

Honors: Provost Masters Graduate Scholarship

Courses: Applied Machine Learning, Big Data Acquisition and Analysis, Deep learning, Modeling & Optimizations, Statistics

GPA: 4.0/4.0

Hoboken, NJ

Expected May 2023

Institute of Technology, Nirma University

Bachelor of Technology in Information Technology

Courses: Data Visualization, Agile Software Engineering, Operating Systems, Data Structures, Web designing, Blockchain

GPA: 3.5/4.0

Ahmedabad, GJ

August 2014 - May 2018

EXPERIENCE

SageSure Insurance Managers LLC

Data Scientist

Jersey City, NJ

June 2022 - December 2022

- Design and architect decentralized rating factor service housing 4 REST APIs, powered by AWS Lambda and IAM
- Perform catastrophe modeling and data visualizations using XGBoost and modern ETL on GIS data with ML Ops pipelines
- SQL and Python scripting to clean millions of data entries under periodic system health monitoring

Lycarn Pvt. Ltd.

Senior Software Developer

Bengaluru, KA

June 2018 - July 2021

- Collaboratively devised 50+ scalable backend APIs for OAuth and SSO with single millisecond performance KPIs
- Piloted client success and communications' team for 4 global enterprises - *Salesforce, Datadog, Belcorp and Microsoft*
- Supervised a team of 5 full stack developers as a product manager for researching 2 video conferencing products

SKILLS

Cloud Services: Amazon Web Services, Google Cloud Platform

Programming Languages: Node.js, Python, Typescript, HTML

Databases: MongoDB, DynamoDB, Elasticsearch, Redshift, PostgreSQL, Redis

Developer Tools: Git, VS Code, Notion, Slack, Figma, Jira, Linear, Intercom

Frameworks and libraries: GraphQL, Hadoop, Kafka, Kubernetes, TensorFlow, Docker, Numpy, Pandas, Sklearn

BI Tools: Tableau, Power BI, Domo

Soft: Self-motivation, Problem Solving, Time Management, Communication, Decision Making, Analytical

PROJECTS

Robocon Multitasking Robots

August 2014 - May 2018

- Fabricated and programmed multiple adaptive, self-corrective, and smart autonomous robots to perform theme-based tasks
- Developed computer vision-based ball detection algorithms for disc shooting robots using OpenCV, Kinect and ROS

“NirPay” Bill Automation App

May 2017 - October 2017

- Created a dynamic web app for paperless management of budgets & bills using pdf parse, reducing annual waste by 20%
- Worked with Stripe for third-party API integrations as a payment gateway solution with seamless onboarding and live dashboards

Self-driving Car Simulation

August 2016 - November 2016

- Modeled a game logic with datasets comprising of 10000+ agent simulation runs using Spark as data processing tool
- Implemented reinforcement learning and Pygame with inspiration from MIT deep learning lectures to imitate policies

ACTIVITIES

Google Student Ambassadors Club (GSAC)

Technical and marketing head

Ahmedabad, GJ

August 2015 - May 2018

- Initiated drives to source volunteering and expand the Google community inside university (open-source hackathons)
- Hosted webinars on Google products and services – AdSense, AR/VR Tech, Analytics, Firestore

AWARDS

- National winner of ABU Robocon International Robotics Competition (Pune)

2015 and 2018

- Recognized national volleyball player, semi-finalists position in competition (Chennai)

November 2013