Curriculum vitae

Personal data

Name: Navid A.

Technical Knowledge and Skills

Python, Django

Navid A. is a transformative Python Developer, passionate about back-end development. Capable of navigating emerging technologies and industry-related software applications with ease. He has an ability to leverage expertise in SDLC (Software Development Life Cycle) principles to facilitate projects from design to execution to deployment and maintenance, is proficient at building user interfaces (UI's) and designing testable, readable, and scalable code aligned with clean code principles, is demonstrated experience in utilizing sound Agile methodologies and development practices such as Scrum and Sprint to establish quality and commitment in teamwork. User-empathetic and innovative Software Engineer practiced at building secure customer-facing applications, prototyping emerging technologies, and evaluating technical feasibility to ensure delivery of high-quality products, services, and features.

Education

September 2015 — July 2020

Iran, Islamic Republic of
Bachelor in Computer engineering, University of Mazandaran, Iran

Work experience

May 2019 - Present

Software development, Remote
Software Engineer/Back-end Developer

Stack:

- Python,
- Django Framework,
- REST API,
- AWS Stack (EC2, ECS, ECR, RSDS)

Responsibilities:

- Contribute to back-end development constructing micro-service architecture utilizing architecture on AWS Stack (EC2, ECS, ECR, RSDS).
- Support full software life cycle from planning, requirements, design, development, testing, and maintenance by assisting back-end engineering of Australian real estate web application (IMMERSION-www.imm3rsion.com.au).
- Further expertise in cross-functional collaborations; contributing to a culturally diverse international team focused on utilizing the latest technologies used in large enterprises.
- Design integration with Stripe (Online payment processing for internet businesses) and Xero (online accounting software).
- Assist in dividing sprint tasks for other team members to minimize blocking and faster integrations.
- Create, maintain, and monitor enterprise cloud infrastructure.

December 2018 - April 2019

Information technology, Iran, Islamic Republic of
Back-end Developer

Stack:

- Python,
- Django Framework,
- REST API.

Responsibilities:

- Deliver back-end development, software solutions, end-to-end product development, and prototypes for web applications (http://etod.me/).
- Facilitate the development of backend systems, organize massive data sets, and enable front-end software development.
- Perform code evaluations and research, utilizing specific field expertise to investigate and mitigate critical level bugs.
- Contribute to cross-functional team discussions in

formulating development and maintenance strategies throughout SDLC.
- Improve system performance by refactoring a big portion of the codebase.
- Work on integration with multiple services which boosted app engagements.
- Facilitate migrating monolithic to microservice specifically authentication service.

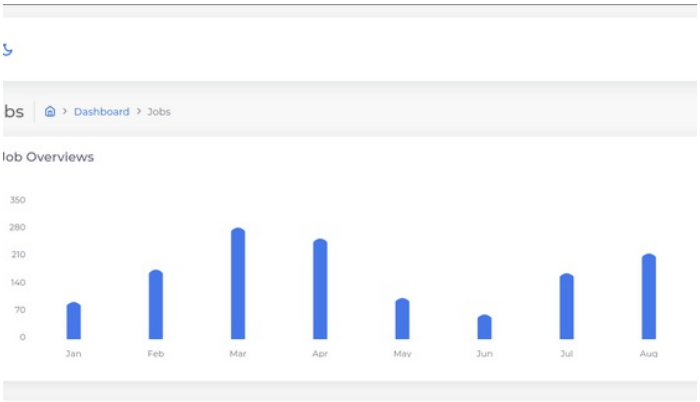
April 2018 - April 2019

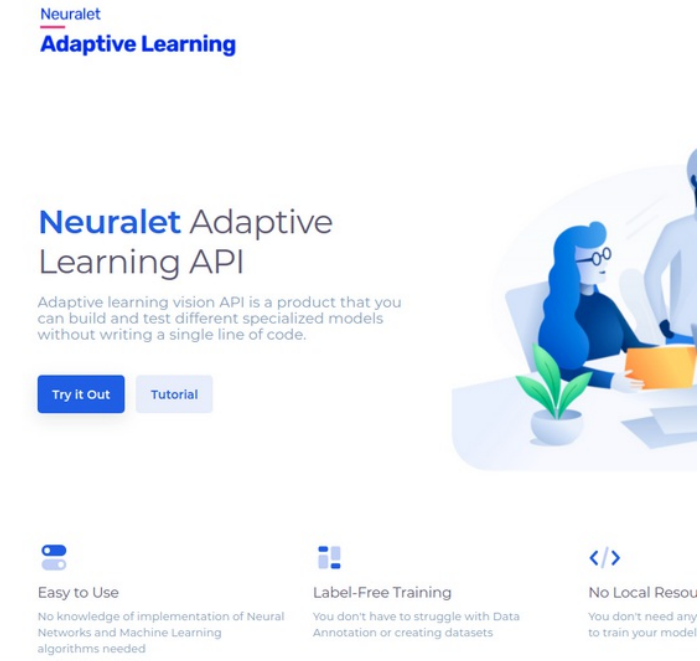
Distance education, Iran, Islamic Republic of
Python/Django Developer

Stack:
- Django,
- Python

Responsibilities:
- Aid engineering of ZeroToHero website from ideation to completion; creating an immersive user-centered end-to-end experience while authoring multiple Python-related articles.
- Employ Django and Python expertise to develop web frameworks and responsive design from scratch.
- Leverage time management skills by prioritizing multiple tasks and meeting software requirements.
- Attend and contribute to meetings to aid development.
- Facilitate development, testing, debugging, and troubleshooting for website and collaborated with relevant teams to pinpoint improvements
- Support business plan development, craft high-quality articles in the Python area and reduce cloud costs by optimizing usage needs.

Portfolio





Neuralet

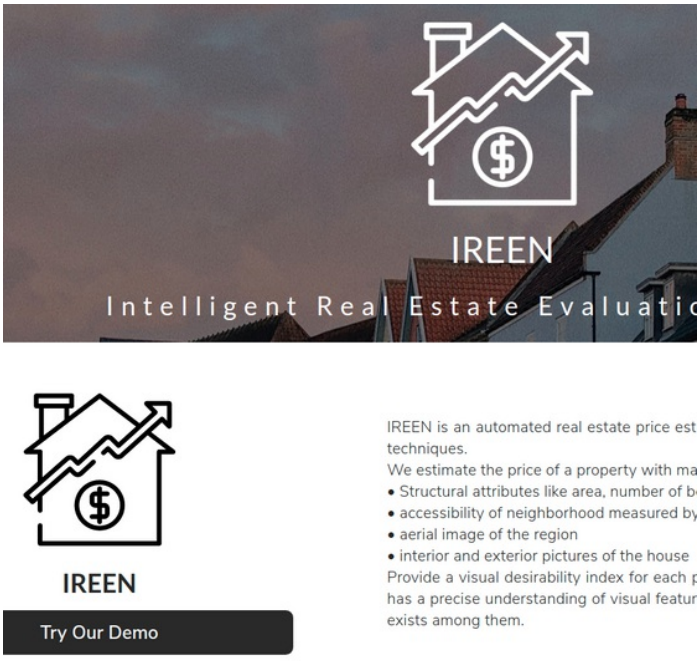
December 2020 - August 2021

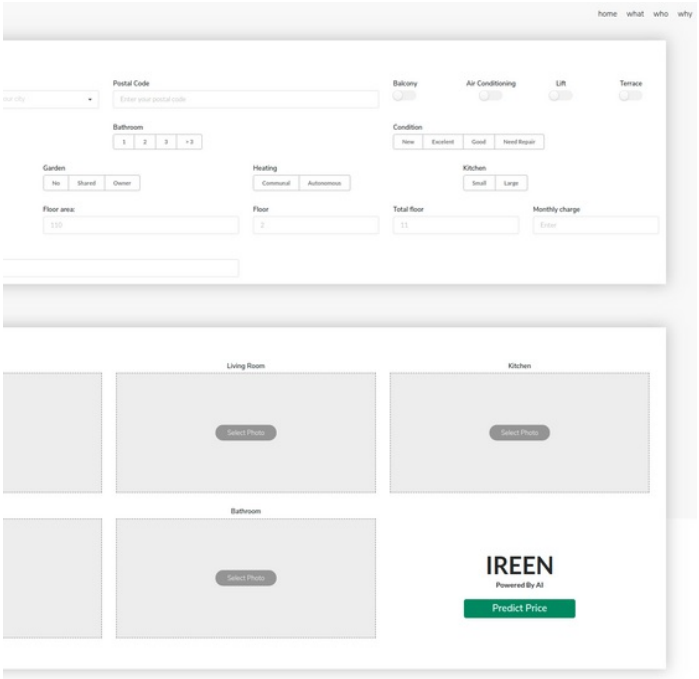
Website: https://neuralet.com

Description: Neuralet is an open-source platform for edge deep learning models on GPU, TPU, and more. Its purpose is to make it easier to start and evaluate various deep learning models on different edge devices.

Role: As a back-end developer, I collaborated on developing Rest APIs for an AI platform called Neuralet (https://github.com/neuralet).
I was responsible for the integration of the Machine Learning and Neural Network algorithms with the back-end. Also managed the whole infrastructure of the platform on AWS utilizing Terraform.

Technologies used:
Python, Vue.js





Ireen

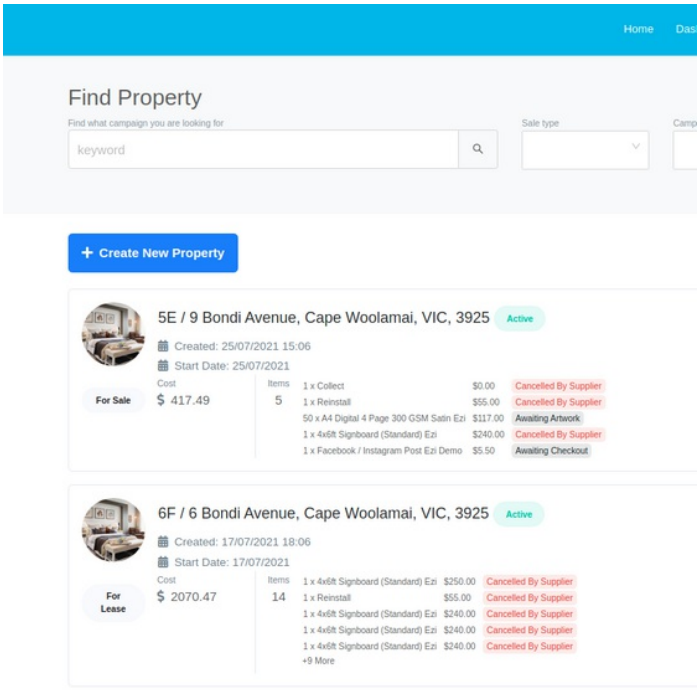
October 2019 - November 2020

Description: IREEN (Intelligent Real Estate Evaluation Network) is an automated real estate price estimation service based on property images powered by Deep Learning techniques. The price of a property with maximum accuracy can be predicted using the following information:

• Structural attributes like area, number of bedrooms
• Accessibility of neighborhood measured by the number of supermarkets, shops, restaurants near the property
• Aerial image of the region
• Interior and exterior pictures of the house

Role: As a software engineer, I was in charge of designing the RESTful backend for the platform and automate the deployment process.
Also collaborated on model optimization and database design for better utilization of the platform.

Technologies used:
Python, Django, React



TheOriginal10

May 2019 - August 2021

Website: https://ezi.technology

Description:
Contribute to back-end development as a software engineer, constructing micro-service architecture utilizing architecture on AWS Stack.
We've managed the full software life cycle from planning, requirements, design, development, testing, and maintenance by assisting back-end engineering of an Australian real estate web application called IMMERSION.
Furthered expertise in cross-functional collaborations; contributing to a culturally diverse international team focused on utilizing the latest technologies used in large enterprises. Also Created, maintained, and monitored enterprise cloud infrastructure.

Technologies used:
Python, Javascript, Node.js, Django, React, React Native

Etod

December 2018 - April 2019

Website: https://etod.me

Description: Delivered back-end development, software solutions, end-to-end product development, and prototypes for web applications. Facilitated development of backend systems, organized massive data sets and enabled front-end software development and engineering.
Performed code evaluations and research utilizing specific field expertise to investigate and mitigate critical level bugs. Contributed to cross-functional team discussions in formulating development and maintenance strategies throughout SDLC.

Technologies used:
Python, Django