Software Developer - Full Stack AI/ML Engineer

KEANU GOMES

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INTEQTA | Smarter Digital Services (rgrtgrp.org)
https://www.linkedin.com/in/keanugms
https://github.com/kgdatatech
Keanu Gomes - YouTube
Miami-Fort-Lauderdale Area

Experienced full stack developer, AI/ML engineer, and data analyst with a strong aptitude for pattern recognition and solving complex problems. Experienced in building secure web applications, integrating AI solutions, and optimizing data workflows. Proficient in React, Node.js, Excel, SQL, Tableau, Python, and Machine Learning, with a passion for applying data ethics in real-world scenarios to enhance customer experiences, drive business outcomes, and strengthen cybersecurity. Eager to collaborate with teams that value critical-analytical thinking, innovation, and social responsibility, especially within tech-driven industries and govtech.

Keanu Gomes | Tech Portfolio (kgdatatech.github.io)

Personal and professional projects

FULLY SECURE MERN STACK – AI INTEGRATION – MongoDB, Express, React, Node.js, Stripe   Jul. 2024 -Sep. *2024*
- Developed and deployed a secure MERN stack web application with role-based access, JWT authentication, CSRF protection, and data encryption.
- Integrated OpenAI's GPT models for AI-driven content generation and applied machine learning for data analysis and predictions.
- Optimized database queries, improving response times by 30% and reducing server load by 15% through efficient indexing and caching. Full Project

RAPGPT CHATBOT INTEGRATION FOR LLMS AND GPTS – Python, OpenAI, OpenAPI, FlaskAPI   May 2024 -Jun. *2024*
- Integrate custom AI chat bots such as large-language-models (LLM) and generative-pretrained-transformers (GPT) into private or production ready instances for RapGRT webapp.
- Developed a personal project on AI automation, AI assistants, ChatGPT models, and model fine-tuning.
- Set up and manage GPT chatbot, backend API, frontend UI, cybersecurity, Cloudflare, AWS, and privacy/ethics compliance.

CLIMATEWINS SUPERVISED MACHINE LEARNING ALGORITHMS – Python, Jupyter Notebook   Mar. 2024 – Apr. *2024*
- Integrating machine learning to forecast climate consequences, empowering ClimateWins to address extreme weather events and potential data bias with cutting-edge algorithms.
- Apply Critical thinking, Hypotheses analysis, and optimization algorithms such as Gradient Descent in both supervised and unsupervised machine learning techniques. via Vimeo Part 1 and Part 2.

YACHT & BOAT WEBSITE VIEWS ANALYSIS – Excel, Python, Tableau   Jan. 2023 - Feb. 2023
- Preparing and analyzing open-source data from Kaggle
- Utilizing machine learning with python to analyze boat listings by views on an online seller platform
- Sourcing open-data, exploring relationships, geographical visualizations, supervised-unsupervised ML

Work Experience

SOFTWARE ENGINEER – SilverDigitalBus, LLC **–** Remote **–** Contract   Aug. 2024 – Sep. 2024
- Built full stack responsive modern interfaces with MongoDb, Express, Node, React using REST API.
- Specialized in secure databases, JWT, CSRF protection, role-based auth, AI integration, payment gateways, admin dashboard KPIs, CRM, and content management systems
- Contributions toward open-source AI/ML models with Open Tensor network.

FIELD SERVICE MANAGER – FloridaTours.com **–** Miami-Fort Lauderdale   Oct. 2022 – Jun. 2023
- Utilized Microsoft Excel to track and report details of bus driver schedules, routes, & arrival times, analyzing data to identify areas for improvement & optimize operations for the company, drivers, and guests aboard.
- Managed & coordinated guest services for a transportation company, overseeing onsite operations, ensuring exceptional customer experiences & satisfaction.
- Proactively addressed any issues or concerns related to transportation services, resolving them promptly to maintain a

smooth & enjoyable guest and driver experience.

MANUFACTURING TECHNOLOGIST – Spurs Marine Manufacturing **–** Fort Lauderdale, FL   Oct. 2017 - Feb 2019

- Included setting up, inputting, and adjusting, machine parameters, to optimize production, efficiency, and ensure accurate processing for workloads.
- Document daily production data & submit accurate, timely logs to keep management up to date on activities.
- Maintained and ensured accurate-timely completion of logbooks & inspection reports.

Skills

Web Development
Client-side: Vite+React.js **Server-side:** Flask API, REST api, Node.js, Express.js **DB:** MongoDb, PostgreSQL, SQL, NoSQL, Passport.js, Next.js, Firebase **Languages:** Python, Javascript, JSX, HTML, Tailwind CSS, CSS, Bootstrap

SQL
Software: PostgresSQL **Skills:** CRUD, relational databases, filtering, summarizing & cleaning data, table joins, subqueries, CTEs, query planning, data migration (ETL), data security.

AI Chat bots
Skills: Implementing data ethics practices in AI Chat, (CoPilot, GPT-4.) Fine-tuning LLM and GPT models, private and public instances, business automation, scaling.

Python
Libraries: pandas, NumPy, matplotlib, scipy, seaborn, sklearn. **Skills:** data-wrangling & subsetting, data consistency checks, combining and exporting data, deriving new variables, grouping & aggregation, visualizations, coding etiquette & excel reporting.

Machine Learning
Tools: anaconda, jupyter notebook, python. **Skills:** supervised ML, unsupervised ML, linear regression, gradient descent, kmeans, clustering, KNN, decision trees, ANN, random forest.

Community

MOVIE & MUSIC ENTERTAINMENT
40+ IMDB CREDITS:

- Critical Thinking movie on Netflix— actor, cast in 2018.
- Audio engineering and production 10+ years.

PUBLIC SPEAKER/COMMUNITY MEMBER
NONPROFIT DRUG AND SUBSTANCE ABUSE ADVOCATE FOR TEEN CHALLENGE OF WESTERN, PA

- Pittsburg University— 2016.
- Allegheny County School Districts— 2016. (middle, and high schools)
- Organized and held nonprofit public community events for parents and children at local churches, across multiple municipalities, rallying against drug abuse— providing education, support, and prevention methods.

SPORTS AND ENTERTAINMENT
US GOLF OPEN CHAMPIONSHIP 2016- SECURITY GUARD

- Since 1924, Andy Frain Services has been one of the nation's most trusted names in the Sports and Entertainment Industry.
- The 2016 United States Open Championship was the 116th U.S. Open, held June 16-19 at Oakmont Country Club, in Oakmont and Plum, Pennsylvania, suburbs northeast of Pittsburgh. Dustin Johnson won his first major championship.

Education

DATA ANALYTICS/MACHINE LEARNING WITH PYTHON
CareerFoundry | The Online Career Academy for Tech Bootcamp   *Jun. 2023 – Jun. 2024*
Berlin, Germany   *12-month course*

CURRENTLY PURSUING
Bachelor of Science in Computer Science
Western Governors University | Online University