





ZAIN ASIF

AI ENGINEER & SENIOR FULL STACK DEVELOPER

CONTACT

-  +923126869747
-  zainasif.jutt1@gmail.com
-  [Linkedin](#)
-  [Github](#)

SKILLS

Python
Django
Flask
GO
Prompt Engineering
Prompt Design
RLHF
Data Science
Data Engineering
Natural Language Processing
Scrapers
Go Lang
DevOps
Ruby
Ruby on Rails
SQL
Postgres
HTML, HTML5
CSS, SCSS
Bootstrap
Javascript
Node.js
TypeScript
React.js
PHP
Laravel
JIRA
Clickup
Team Leadership
Web Scraping
Debugging
Heroku
Web Development
Application Programming Interface (API)
Third Party Integrations
Algorithms
Amazon Web Services
Docker
Problem Solving
Project Management

PROFILE

Experienced Software Engineer specializing in data science, AI, data engineering, and Python, with a strong background in developing scalable software solutions. At Qbatch, I have led projects that harness advanced tools such as AWS, Git, Docker, Jira, Clickup, Python, Node.js, Ruby on Rails and React.js to enhance application performance, security and reliability. My journey, from freelancing to my current role, has been marked by the development of complex systems like EMRs(Electronic Medical Record System) with AI based Test Recommendation System and Everything Amazon WMS(Warehouse Management System) with everything that support listing, AI Repricer, FBM and FBA. Proficient in leveraging data-driven insights and innovative algorithms, I excel in crafting robust software designs and implementing efficient database solutions. Adept at delivering quality software using best practices and design patterns, I am recognized for my ability to work well in diverse teams and my strong communication skills. I have a proven history of leading projects from start to finish, meeting client and business needs across various industries, including E-commerce, Healthcare, and Retail. Driven by a passion for continuous learning and technological innovation, I am dedicated to expanding my expertise and delivering impactful software solutions. I am eager to further advance my skills in Data science, AI, Data engineering, and Python, and continue contributing to pioneering and dependable software projects.

WORK EXPERIENCE

AI Engineer/Data Annotator

Mercor

Sep 2025 - Present

- LLM Responses and Taxonomy Failure Modes Analysis
- Code Debugging and SQL Query Optimization
- Claude Code and Copilot CLI to evaluate and test model behaviors
- SFT, RLHF and exhaustion testing to improve the models
- Video and Image annotation
- Office Documents(PDF, PPTX, DOCX) training based data generation and evaluation
- Setting up sandbox environments and DevOps for the model training and data annotation

Data Engineer/Software Developer

Turing

Sep 2024 - Mar 2026

- Architectural Optimization: Innovated transformer-based model enhancements (e.g., sparse attention, Mixture of Experts) to improve computational efficiency and scalability, reducing inference latency by 30% in large-scale models
- Used Agentic approach to train and improve the performance model.
- Applied Agentless approach to train and improve the performance of model
- Bias Mitigation & RLHF: Integrated reinforcement learning from human feedback (RLHF) and adversarial red-teaming to reduce toxicity by 40% in production models, aligning outputs with ethical guidelines.
- Developed AI first HR System for Turing. Deployed over GCP

Programming Languages: Python, Typescript, Go Lang, Javascript, React, Node.js, DevOps, Postgres, Ubuntu

Full Stack Developer

Qbatch

July 2021 - Oct 2024

- Improved response time by 65% for existing APIs
- Improved usability and helped create new designs
- Wrote different algorithms to help automate the process
- Created microservices
- Improved deployment time by 80%
- Created many program flows and implemented accordingly
- Improved database structure
- Integrated many types of payment modules
- Integrated many 3rd party APIs including Google API, EasyPost API, SP API, MWS and much more.

ZAIN ASIF

FULL STACK ENGINEER

Shopify
Walmart API
Software Architecture
Software Development
Database Designing
Database Structure
Algorithm Designing
Google API
Azure Cloud
Optimization
Software Architecture
ActiveRecord
Stripe
Quickbook API
Square API
NMI API
Git

EDUCATION

Bachelor of Science in Computer Science

National University of Computer & Emerging Sciences

Aug, 2017 - Jul, 2021

RESEARCH GROUP

Spatial Analytics Research Group

Achievement/Tasks:

- Research and Development on "Using GIS for Solving Traffic Congestion Problems in King AbdulAziz University" with ArcGIS

Mar, 2020 - Present

WORK EXPERIENCE

- **Programming Languages:** Python, Ruby, Ruby on Rails, Typescript, Node.js, React, HTML, CSS and much more

Skills: Optimization · Software Architecture · Software Infrastructure · Team Leadership · Ruby on Rails · ActiveRecord · Web Development · Stripe (Software) · Schema · Debugging · Linux Server · Amazon CloudWatch · Amazon ECS · Microservices · Amazon S3 · Troubleshooting · Databases · Code Review · MySQL · Amazon Relational Database Service (RDS) · HTML · Business Requirements · QuickBooks Payments · Git · Creative Problem Solving · Full-Stack Development · Database Design · Client Requirements · Object Oriented Design · Node.js · Integration Testing · Amazon EC2 · React.js · Figma (Software) · REST APIs · User Interface Design · Sequelize.js · Back-End Web Development · Nginx · Python (Programming Language) · Ruby · Data Science · Software Development · Amazon Web Services (AWS)

Professional Freelancer

Fiverr

Jun, 2018 - Aug, 2021

I have worked on a lot of projects from small scale to large scale like writing scrapers, scripts, ciphers and much more to developing Password Management System, LMS(Learning Management System), EMRS(Electronic Medical Record System) and much more including deployments and CI/CD pipelines. I have used these technologies:

- Python
- Laravel
- Ruby on Rails/Ruby
- JAVA
- C/C++
- HTML/CSS
- JavaScript
- PHP

Skills: DevOps · Optimization · Software Architecture · Web Development · Stripe (Software) · Schema · Debugging · Linux Server · Amazon CloudWatch · Troubleshooting · Amazon Relational Database Service (RDS) · Business Requirements · Git · Creative Problem Solving · Full-Stack Development · Client Requirements · HTML5 · Object Oriented Design · Integration Testing · SQL · Figma (Software) · REST APIs · User Interface Design · Cascading Style Sheets (CSS) · Back-End Web Development · Nginx · C++ · Ruby · Data Science · Software Development · Python · Django

Teacher Assistant

National University of Computer and Emerging Sciences

Mar, 2019 - Aug, 2019

Skills: Assistant Teaching · C++ · Data Science

Teacher Assistant

National University of Computer and Emerging Sciences

Sep, 2018 - Feb, 2019

Skills: Assistant Teaching · C++ · Data Science

Intern

KANNYTECH

May, 2018 - Aug, 2018

Skills: Web Development · Schema · Debugging · Troubleshooting · Machine Learning · Creative Problem Solving · HTML5 · Object Oriented Design · Integration Testing · REST APIs · Cascading Style Sheets (CSS) · C++ · Python (Programming Language) · Data Science

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FULL STACK ENGINEER

PROJECTS

Turing Talent Bridge

May, 2025 - Sep 2025

Created AI first HR system for Turing onboarding, off boarding and transitions. It includes integration with internal projects as well as Deel, Jibble, Docebo and OKTA.

Meta Agentic/Agentless

Sep, 2024 - May, 2025

Worked on data engineering of LLAMA model to improve it's coding capabilities using Agentic and Agentless approach. This improved the model's coding capabilities by 30% and increased the accuracy rate from 18% to 70%. This was a large scale team effort.

Bluudo

Dec, 2023 - May, 2025

I have worked on improving this project from order of single item to order of multiple items. Almost writing the whole project again. Doing the Full Stack Development for this project in Type Script and React with PostgreSQL.

Project URL: [Bluudo](#)

Sales Support

Nov, 2021 - Jun, 2024

A major project for warehouse management to AI-Repricer, FBA(Fulfillment by Amazon), FBM(Fulfillment by Merchant), Shopify and Walmart with integration of Google API, QuickBook API, Stripe API and a lot more.

Project URL: [Sales Support](#)

Amazon Catalog Analyser

Nov, 2021 - Nov, 2021

A major project for warehouse management to AI-Repricer, FBA(Fulfillment by Amazon), FBM(Fulfillment by Merchant), Shopify and Walmart with integration of Google API, QuickBook API, Stripe API and a lot more.

Electronic Medical Record System

Jul, 2020 - Jul, 2021

Full Fledged EMR using Laravel which replaces all patient details with an integrated AI to recommend lab tests based on the symptoms.

Tekwhistle

Jul, 2020 - Jul, 2020

A website with a user and admin panel to secure and manage passwords of different platforms. Laravel framework was used to develop it.

Solving Traffic Congestion Problems in King AbdulAziz University

Mar, 2020 - Jun, 2020

Network Analysis on provided spatial dataset of King AbdulAziz University using ArcMap to help with the traffic congestion problems.
