

HELLO. I'M HASEEB ARSHAD






And I am A Computer Scientist



ABOUT ME

Experienced Full-Stack Engineer skilled in Django, Django Rest Framework, React, and AWS with a strong focus on creating robust solutions and mentoring teams. Proven track record in integrating VOIP providers, crafting intuitive user interfaces with Vue.js, and implementing automated deployment pipelines for CI/CD.

Committed to excellence, innovation, and empowering teams in dynamic technical environments.

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WORK EXPERIENCE

Senior Software Engineer

(04/2023 - present)

[Peerlogic] www.peerlogic.com

Task/Achievements

- Integral role as Integrations Engineer at Peerlogic, specializing in seamless integration of third-party VOIP providers (GoTo, Bandwidth, Netsapiens, RingCentral, NexHealth) into proprietary platform.
- Task complexity involved subscribing to webhooks for real-time call data, downloading audio, and utilizing Google Cloud Platform (GCP) cloud functions for transcript processing and insights extraction.
- Leveraged Vue.js for intuitive and responsive user interface development, enhancing user experience for internal teams and external clients.
- Vue.js instrumental in creating dynamic and interactive features, aligning with real-time nature of conversational AI product.
- Implemented automated deployment pipeline using GitHub Actions for CI/CD, ensuring efficient and reliable deployment of updates and enhancements.
- Multifaceted role added versatility to skill set, contributing significantly to evolution and success of Peerlogic's conversational AI platform.

Full Stack Developer

(09/2021-present)

[Datics.AI Pvt Ltd] www.datics.ai

Task/Achievements

- Specialized in Django with Django Rest Framework (DRF) for back-end development and React for front-end solutions.
- Contributed to key projects like Mylotspy and SecureTaxOffice.
- Utilized Django and Scraping techniques for resilient back-end solutions in Mylotspy.
- Mentored and trained team members in Mylotspy development.
- Developed Scalable Infrastructure to support a system which can upto 10,000 crawlers using custom Django, Scrapy and BeautifulSoup Frame work.
- Extended responsibilities beyond back-end development in SecureTaxOffice.
- Mentored and trained team members in SecureTaxOffice.
- Proficient in AWS, setting up production-grade architectures.
- Ensured seamless deployment and scalability of solutions using AWS.
- Significantly contributed to Datics AI's innovative pursuits.

Trainee Software Intern

(08/2020 - 11/2020)

[Questa Digital] www.questara.digital

Task/Achievements

- Added Sections to Questa Digital website using git workflow and CI/CD.
- Worked with team in a remote environment using jira, Slack and Trello.
- Learned advanced usage of Git

Web Developer Intern

(07/2019 - 10/2019)

[Petsaal Tech Limited] www.petsaaltech.com

Task/Achievements

- Tailor it website (PHP, JS, HTML, CSS)

MY EDUCATION

BSCS (4 years) | University of Central Punjab

(2017 - 2021)

Bachelors of Computer Science

Core Courses

- Artificial Intelligence
- Software Engineering
- Introduction to Machine Learning
- Programming Fundamentals
- Computer Architecture
- Database
- Operating System

Engineering Courses

- Human Computer Interaction
- Software Testing
- Software Quality Assurance
- Data Structure And Algorithms
- Object Oriented Analysis & Design
- Mobile Application Development
- Programming For Big Data

PERSONAL PROJECTS

Programming Fundamentals - EX Projects
Calculator, Mine Sweeper, Chess [C#]

Programming Fundamentals - EX Projects Unity
Space Ship Shooting Game, Hat Trick, Flappy Car [Unity]

Python Projects
Image Processing, Face detection [python]

Database Project
Crime and Library Management System [C# Front-End]

Object Oriented Analysis & Design Project
The Timetable Maker [C# Front-End]

Mobile App Development
ISDb (Internet Songs Database) [Android Studio+Firebase]

FREELANCING PROJECTS

- Face Recognition Attendance System (Python)
- Different Algorithms of Cryptography
- Car Detection & Recognition
- Cancer Detection & Recognition
- Data Visualization
- Gemological Institute of America (GIA API)
- All Data Structures in most Languages
- Database Integration with most Languages

FINAL YEAR PROJECT

CBETP
Cloud Based Entry Test Preparator
[Android Studio + Firebase + AWS]

DATA WRANGLING / ANALYSIS FOR NLP

- Machine Learning:

Classifiers:
Support Vector Machine, Random Forest, K-Means, Logistic Regression

Vectorizers:
TF-IDF, Word2Vec, Doc2Vec, GloVe, BERT, GPT

Visualization:
t-SNE - Dimensionality Reduction, Scatter Plots, WordCloud, Confusion Matrix

- Large Language Models:

Models / Embeddings / RAG:
GPT-3, GPT-4, LLaMa Chat, ada-002, BioBERT

Vector Store:
Deeplake, PSQL, Supabase, FAISS

- Deployments:

W-and-B, MLflow, Sagemaker, AWS ECR

LICENSES & CERTIFICATIONS

LangChain & Vector Databases in Production

ActiveLoop | November 2023

AWS Fundamentals: Going Cloud-Native

Coursera | August 2020

Complete Python/Django Mastery

Code with Mosh | September 2021

Complete SQL Mastery

Code with Mosh | September 2021

The Ultimate Docker Course

Code with Mosh | September 2021

The Ultimate Git Course

Code with Mosh | September 2021