OSAMA **KHAN**

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A passionate Computer Scientist with an inclination towards Python/Django, PHP, ReactJS and VueJS. Working as a Web Developer in one of the finest E-Commerce tech lead company in Leeds, UK. Worked as a development team lead and a full stack web developer. Talented Computer Programmer able to deliver error-free code on tight deadlines. Comfortable with Agile frameworks and working either alone or as part of a team. I have devoted myself in achieving perfect client satisfaction and exploring/experimenting in new technologies constantly. I've developed and published more than 13 public applications on the Shopify App store and have been working in the e-commerce industry (specifically on Shopify) for almost 2 years. I have completed my Master's Degree in Data Sciences from University of Greenwich, London and now working in the UK.

I like building new stuff and work with other people – nothing really interesting is ever built alone!

EXPERIENCE

DATES FROM OCT 2022 – TO PRESENT

FULL STACK WEB DEVELOPER, ONSTATE, UNITED KINGDOM

- I am currently working as full stack web developer at Onstate Ltd.
- Developing applications with the new Checkout Extensions and Functions.
- Created a discount application for a big client in the UK.
- Working on maintaining large custom-made PHP software on a plan driven methods for multiple e-commerce clients in the UK
- Working on accelerated checkout methods implementation on brands websites (ApplePay, GooglePay, AmazonPay, etc.)
- Designing front-end and backend solutions for any issues faced by client.
- Working on Airtable synchronization with Shopify and maintaining data integrity and sync.
- Data migration from Magento 2.0 to Shopify via Matrixify.
- Working on NoSQL database like Couchbase with PHP and docker.
- Maintaining middleware boxes on AWS EC2 servers.

DATES FROM NOV 2020 – TO AUGUST 2021

SOFTWARE DEVELOPMENT (TEAM LEAD), ALCHEMATIVE, PAKISTAN

- I was leading two teams whilst in this designation, the Shopify apps development team and the software development team.
- While working as Team Lead, I also developed and published the first AI-powered Shopify application, Search By Image (Artificial Intelligence powered application) in the region on the official Shopify App Store.
- Guided development team towards successful project delivery of shopify web applications.

- Streamline the software development process by implementing CI/CD linking code to GitHub by using CodePipeline and CodeBuild by AWS and guided the team how to implement it.
- Maintain high standards of software quality and SRE within the team by establishing good practices and habits.
- Optimized ongoing projects by monitoring RDS database instance and doing RCA (Root Cause Analysis) and reducing the database calls on code level without increasing the DB Cluster size.
- Encrypting and hiding all the exposed sensitive data travelling in the request by increasing the data base structure.
- Currently leading development for an E-Commerce engine. Implemented complete software infrastructure with flowcharts and ERD for development of complete CMS, Product Management, Order Management and CRM from scratch.

DATES FROM SEPTEMBER 2019 – TO AUGUST 2021
FULL STACK WEB DEVELOPER, ALCHEMATIVE, PAKISTAN

- Developed a complete fulfillment (LOGISTICS) application, frontend in ReactJS and backend in Django 2.2 (Python 3.6.8). Implemented Custom Queue Service by implementing listener and threads to have full control of the Queue. Added Schedulers and cron jobs for events at backend.
- Developed a complete Inventory Syncing with POS application using python's pandas library for data organizing and complete report generation, listing all actions performed in an excel or csv files (Used VueJS for frontend and Python Backend).
- Maintaining supports for all 12 public application and implemented new requirements on a weekly basis.
- Managing all code commenting norms and followed all SEO standards.
- Implemented Indexing on all Django Models and Soft Delete functionality.
- Used Django Content type for Dynamically declaring foreign keys in a model.
- Used DRF-YASG to generate Django rest framework API documentation automatically after creating an API.
- Developed payment gateways and integrations with third party banks with an automated process for transactions.
- Implemented Recurring Application charge with plan-based model on all applications.
- List of a few Applications published by myself:
  - Search By Image (Artificial Intelligence powered application)
  - Unified Couriers.
  - Wishlist Wizard
  - Candela Connector
  - Check & Ship
  - Unified Transaction
  - Voice Call Notification
  - Dynamics Junction

EDUCATION

SEPTEMBER 2021 – SEPTEMBER 2022
MSC DATA SCIENCE, UNIVERSITY OF GREENWICH

London, England

SEPTEMBER 2014 - AUGUST 2019

BSCS, THE UNIVERSITY OF LAHORE

Lahore, Pakistan

JUNE 2012 - JUNE 2014

FSC NAT-ICS, ISCP KUWAIT

Khaitan, Kuwait

SKILLS

- Frameworks: Django, ReactJS, VueJS, Django REST Framework
- MySQL Databases.
- AWS: RDS, S3, EC2, ECS, CodePipeline, CodeBuild, Route53
- Frontend: Material-UI, HTML, CSS, jQuery
- Couchbase, N1QL, Airtable

- Languages: Python, JavaScript, C++, PHP
- Scripting in python
- Python libraries: NumPy, Pandas, BS4, Selenium
- Docker, GitHub, Bitbucket
- File Management
- Jira