Muhammad Suhail

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Technical skills

Languages	Python, Javascript, Shell Scripting	**Version Control**:	Git
Databases	MySQL, PostgreSQL, MongoDB	**Frameworks**:	Django, Flask, Falcon, GameClosure, AngularJs, Node.js
Tools:	Celery, AWS, Elasticsearch, Redis, Memcached	**Platforms**:	GNU/Linux (Ubuntu), Windows

Education

2008 – 2012 **B.Tech**, *Govt. Engineering College.*
Palakkad, Kerala, India

Work Experience

○ Software Engineer
  - Zerodha, Bangalore, India
  - Role: Web application Developer
  - link: https://zerodha.com/
  - Duration: From 2014 April to 2015 March
○ Software Engineer
  - Hashcube, Bangalore, India
  - Role: Full Stack Developer
  - http://hashcube.com/
  - Duration: From 2015 April to 2016 Sept
○ Senior Software Engineer
  - fortraiz, Bangalore, India
  - Role: Backend Developer
  - http://fortraiz.com/
  - Duration: From 2016 Nov to 2017 Oct
○ Senior Software Engineer
  - compassites software solutions, Bangalore, India
  - Role: Backend Developer
  - https://www.compassitesinc.com/
  - Duration: From 2017 Dec to Present

Projects Worked on

Title	**Q**
	Q is next generation back office tool for trading. It is a financial digital assistant for investors.
Role:	Developing new features for Q, mainly in Server Side
	Implemented api using Flask
	Added Python script to fetch data from third party api
	Implemented cron jobs for periodic task
	Added fabric for deployment management
	Added UI logic using jQuery/JavaScript
Languages/Tools:	Flask, jQuery/JavaScript, SQLAlchamy

Title	**Ecom**
	Ecomexpress is a ecommerce website used to manage the various stages of a product delivery The site handles around a million shipments per month. The project covers all stages from the initial pickup of product from a customer until delivering the product to consignees.
Role:	Implemented the server architecture for Ecom
	Implemented api using Django
	Implemented DB Design
	Added Celery for Heavy load task
	Added pre commit hooks for coding standard based on pep8
	Added UI logic using jQuery/JavaScript
	Integrated cloud technologies such as AWS, EC2
Languages/Tools:	Python, Django, JavaScript

Title	**Sudoku Quest**
	Sudoku Quest is a classical quest based game having more than 1 million users and 600 various levels. The game is completley developed using open-source engine GameClosure
Languages/Tools:	GameClosure, JavaScript, Node.js, Python
Role:	Worked in both App side(GameClosure) and Server Side
	Implemented api using Node.js
	Implemented periodic push notifications using Rabbitmq and Python
	Worked in Facebook Games for web
	Added quest level genration script in Python
	worked in puzzle page ui and popups using GameClosure
	worked in server monitoring tools such as nurelic
	Worked in cloud technologies such as AWS, EC2, S3
Source	Play Store

Title	**Gummy Pop**
	Gummy Pop is a casual quest based game having more than 2 lakhs users and 300 various levels. The game is completley developed using open-source engine GameClosure
Role:	Worked in both App side(GameClosure) and Server Side
	Implemented api using Node.js
	Implimented Rabbitmq for message passing
	Implimented TDD using Mocha
	Implimented code coverage using istanbul
	worked in puzzle maps using GameClosure
	Integrated 3rd party SDK in Game
	implimented analytic script in Python to fetch data from 3rd party api
Source	Play Store
Languages/Tools:	GameClosure, JavaScript, Node.js, Python
Source	Play Store

Title	**SMTA**
	Social Media Threat Analysis (SMTA) is the process of monitoring socia media and detected threats to any organization using artificial intelligence
Role:	Implemented the server architecture from scratch
	Integrated API and Machine Learning Engine in Server Side
	Implemented api using Falcon
	Implemented session middle middleware in Falcon using Redis
	Implemented SQLAlchemy for ORM
	Used MongoDB to store scraped data
	Used Elasticsearch as search engine
	Implemented Celery for message passing queue, periodic task
Languages/Tools:	Python, Falcon, AngularJs, ElasticSearch

Title	**Social Heap**
	An open tool for developers to aggregate social media content forgetting about all the complexities involved. It provides realtime social media posts from platforms like Facebook, Twitter, YouTube, Vimeo, Instagram and so on.
Role	Implemented the server architecture from scratch
	Implemented api using Django
	Implemented DB Design
	Used MongoDB to store scraped data
	Implemented Celery for message passing queue, periodic task
	Customized Python Social for connecting different social platform
Languages/Tools:	Python, Django, Celery

Blogs & Social Media

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