

UBAID USMANI

7905438879 | usmaniubaid@gmail.com | LinkedIn | GitHub | Website

WORK EXPERIENCE

SDE 2 – Full Stack Development

Oct 2021 - Present

Workindia, Bangalore, India

- Developed sales and support ecosystem from scratch, an inhouse CRM platform with lead sourcing and distribution system (SLM) and cloud telephony for communication between agents and employers. Entire sales and support process was automated with complete visibility on business and engineering metrics. The project helped the company's offline sales increase to **25%** in total.
- Offline payments pipeline and plan management system was ideated, designed and developed for ramping up offline plan selling.
- Designed, developed, and revamped online pricing lead to increase in high selling SKUs by **10%** which lead to overall increase in **online revenue by 20%**
- Successfully lead the initiative of Elasticserch8 migration from the previous ES5 multi node cluster which lead to overall cost saving of **1250\$ per month**. Accomplished **1000+ hours** as an on call engineer and in the capacity brought the availability of the systems from **89% to 99%**

Software Developer – Software Development

Jan 2021 - Sept 2021

Blackrock, Mumbai, India

- Contributed to the development of an Algo Execution platform as a key member of the platform team, responsible for crafting the execution engine and scheduler. The platform has been successfully employed by over **1000+ clients spanning 100 countries worldwide**.
- Engineered GRPC client libraries from scratch, enabling seamless data accessibility from GRPC-based application servers; optimized data retrieval process, reducing latency by **40%** and improving overall system performance.

Internship – Software Development

May 2019 - June 2019

Tata Consultancy Services, Lucknow, India

- Developed a specialized automation tool for efficient ratio analysis and trend plotting using historical data from company financials, significantly **reducing auditing time from 1-2 hours to just 2-3 seconds**.
- Implemented OCR with precise segmentation of PDF images, **boosting accuracy to 99%**.
- Improved fault tolerance to handle distorted entries in PDFs, ensuring precise parsing of data for accurate analysis.

TECHNICAL SKILLS

- **Programming Languages:** Python, C++, C, SQL, Java, Bash/Batch, Javascript
- **Frameworks :** Flask, Django, Django DRF, FastAPI, celery, Spring-boot, Spring, React JS, Next JS, Bootstrap CSS, Drools, GRPC
- **Tools & Database:** Git, SQLite, MySQL, PostgreSQL, Docker, MongoDB, ElasticSearch, Kafka, Redis, RabbitMQ, Kubernetes, Jenkins, AWS

PROJECTS

Screenshot Manager Application

March 2020 - April 2020

[Project Link](#)

- An uncomplicated mobile application tailored for website UI/UX debugging directly on mobile devices.
- The application encompasses functionalities like annotating webpage elements, adding comments, and organizing screenshots to optimize memory usage.

Virtual Mouse

Feb 2018 - March 2018

[Project Link](#)

- A desktop application for controlling mouse based on hand gestures using color detection framework.
- The project has a customization menu for calibration based on surrounding conditions.

ACHIEVEMENTS

- Secured **Second Position** in Horizon-Technica Hackathon organized by VIT for project SPARC
- Felicitated by **IWA Organization** for building the website for IWA technoscape conference 2020
- Received **ISO Certification** from the University for Riviera - Annual Cultural Fest Website Development
- Directly mentoring over **10K+ Students** in the field of Machine learning through platforms like Udemy and Winuall

EDUCATION

Vellore Institute of Technology • Main Campus • Vellore, India
Bachelor of Technology • *Computer Science & Engg.* • CGPA: 8.85/10

July 2017 – July 2021