Aman India

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TECHNICAL SKILLS

Programming: Java, HTML5, CSS3, C++, Python
Expertise: Full-Stack Development, Micro Services, Data structures & Algorithm, Operating System, SDLC
Technologies: Spring Boot, React.js, Vue.js, Rest API's, GraphQl, MySQL, MongoDB, Elasticsearch, Dockers, Kubernetes, Git, GitHub, Linux CI/CD Tools

EXPERIENCE

Rakuten   **January 2023 – January 2024**
Software Engineer - SixthSense Observabilty   *Bengaluru, Karnataka*

- Key contributor for SixthSense's Log Monitoring Service via developing RESTful APIs for OpenSearch ILM policy, Log Rules, and Queries. Also involved in bug fixes, performance optimization, and meeting client needs.
- Achieved significant improvement in query performance, optimizing from 2.5s to 30ms using Presto query engine caching with redis on Elasticsearch & Amazon S3.
- Conducted POC on Hadoop Ecosystem (Hadoop, Hive, Spark), SQL on Big Data (Hive, Trino, Drill), Real-time Processing (Kafka, Flink), Specialized Tools (Druid, RaftorX, Allexio, Hazelcast, Iceberg) - *"Rudimentary understanding"*
- **Skillset:** Fullstack Development, Java -SpringBoot, Vue.js, GraphQl, Restful API's, MySQL, MongoDB, Elasticsearch, AWS, Docker, Linux.

Takeleap   **April 2022 – July 2022**
Machine Learning Intern - SeekRight   *Bengaluru, Karnataka*

- Enhanced SeekRight product efficiency by 4% through feature development & optimization, ML model tuning, and Bug fixes.
- Enhanced Support team productivity by nearly 80% through developing 2 multipurpose data management Tools.
- Lead various POC projects, focusing on object detection and object tracking, Identification systems, and addressing security challenges.
- **Skillset:** Python Development, Computer Vision, Machine Learning, Deep Learning (CNN, RNN, LSTM, GANs, and others), ImagePre/Post-processing, OpenCV, Python, PyTorch, Tensorflow, Linux, PySimpleGUI, MySQL, and more.

Xfinito Biodesigns   **March 2022 – April 2022**
Research and Development Intern   *Bengaluru, Karnataka*

- Worked over the complete product development Cycle (Full-Stack web application).
- Researched open-source technologies, research papers, and tools availability, and further POCs.

PROJECTS

Group Chatbot | *Java - SpringBoot, HTML, CSS, Web socket, Mysql, Docker*   **February 2024**
- Built chat application that allows multiple users to interact together.
- Role-based authentication and privileges based on JWT tokens - Spring security.

Rice Grains Analysis | *Python, OpenCV, Image Processing*   **September 2023**
- Rice Grains Quality with 95% + accuracy over the calculation of Grains size and color identification.
- Overcome major challenges of Noise removal, Touching grains problem(Watershed algorithm).

Tweets Entity Extraction and Sentiment Analysis | *Python, NLP, Data Pre-processing*   **October 2022**
- Worked over Data cleaning, Tweets language conversion using Google API and, Entity Extraction using Text Blob.
- Analysed Sentiments of Authors towards each Entity and further classification.

Retail Visual Intelligence and analytics | *Python, Opencv, Computer vision, DNN*   **November 2022**
- Retail Visual Intelligence software for product Matching and Analytics using shelf-captured images.
- Used transfer learning, trained ResNet-50 on Custom dataset with 95% model accuracy.

ACHIEVEMENTS/ LEADERSHIP

- Worked over **10+** Individual Freelancing projects for International Clients.
- **Microsoft** Learn Student Ambassador.
- 3* at **Codechef**(1613 currently).
- **554 Global ranks** at codechef April Long challenge 21.
- Founder of **TYSAL** Community (Teach your skills and learn) with **200+ active members** over Globe – Conducted more than 20 live events mentoring **2000+ students** - including In-University events.

EDUCATION

Lovely Professional University   **June 2019 – June 2023**
*Bachelor's in Computer Science and Engineering | CGPA - 9.0/10 | **CR - 4 consecutive semesters***   *Punjab, India*