Abdul Ajij Ansari

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Skills

Languages: PHP, Java, Python, SQL, JavaScript, HTML, CSS

Technologies & Tools: Laravel, Spring, MySQL, JUnit, Postman, S3, Ajax, JQuery, Jenkins, Android, HighChart, JIRA, Git, Github, Code Commit

Work Experience

Unthinkable Solutions, Gurugram   Dec 2022 - Present

Associate Software Engineer

- Led the migration of RDS queries to AWS Athena by connecting S3 with the Glue Data Catalog and using Glue jobs, enhancing availability and significantly reducing operational costs.
- Reduced the cost of updating data service by more than 80% by devising an automated system that identified and disabled reports with no usage or empty data and updated data using a bulk updation approach.
- Reduced the execution time from 30 sec to 10 milli seconds by optimizing MySQL queries for over 80 million rows in a table.
- LARAVEL, PHP, MySQL, ORM, HTML, CSS, JQuery, AWS Cloud, AWS Athena, AWS Glow, AWS S3, Python,

Airflow, HighChart, C3 charts, Jenkins, Postman, Code commit, Agile.

Unthinkable Solutions, Gurugram   Dec 2020 - Dec 2022

Jr. Associate Software Engineer

- Created an app to automate taking pictures on an Android device and uploading them to S3, allowing the ML model to directly retrieve the images from the S3 bucket and start operations on them.
- Created a Rest API to check if an image is face-centered using Spring Boot and Maven by integrating a C++ library.
- JAVA, Spring Boot, Maven, S3, MySQL, Android, Github.

Unthinkable Solutions, Gurugram   Jul 2020 - Dec 2020

Intern

- Integrated a Machine Learning solution in an Android application to recognize the Indian currency.
- Integrated Indian regional languages in an Android application and increased active users by 50%.
- Android, XML, Kotlin, Speech Recognition, Image processing, GIT, Bitbucket

Project Work

- **Drewry (Jan 23 - current):** Led "The Drewry Project," a Laravel web app for freight rate calculation. Improved user experience by integrating new features and addressing bug fixes. Utilized AWS Athena and Glue for querying S3, and developed a custom dashboard for data and chart visualization, leveraging cloud and containerization technologies.
- **BTI (Nov 21 - Dec 22):** Contributed significantly to the 'Bridge to India' project by focusing on market research and consulting in the Indian renewable energy sector. Responsible for website design, backend development, issue rectification, and maintenance. Played a vital role in presenting data through charts and enhancing the project's scalability and clean architecture. Collaborated effectively with team members to ensure project success.
- **Face Detector (Jan 21 - Nov 21):** Developed an API using the Spring Boot framework for detecting if an image is centered on a human head. Designed and developed an Android application that utilized prebuilt native C++ libraries for improved performance and functionality. Implemented RESTful API endpoints for seamless integration. Emphasized clean coding practices and scalable solutions.
- **MANI (Sep 20 - Dec 20):** Worked on the "Mani RBI" app, designed to assist visually impaired and visually hearing impaired individuals in identifying Indian currency through machine learning and camera scanning. Led a major version update, adding new regional languages, fixing crashes and bugs, and leveraging technologies such as Java,

Android Studio, machine learning, TalkBack, Gesture Control, and Light Sensor.

Education

Galgotias College of Engineering & Technology, Greater Noida   Jul 2016 - Jun 2020
B.Tech in Computer Science and Engineering   *CGPA:8.13/10*
Relevant Coursework: Object Oriented Programming, Databases, DSA, Operating Systems, Machine Learning

Awards and Certificates

- Python specialization on Coursera ([Certificate link](#))
- Laravel specialization on Coursera ([Certificate link](#))
- MySQL specialization on Coursera ([Certificate link](#))
- JUnit unit testing specialization on Coursera ([Certificate link](#))

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