ABHIRAM PAIDIMARRI

Louisiana, USA | 📞+1 337-554-2418 | 📧 abhiram.paidimarri1@louisiana.edu | 🔗 LinkedIn | ⭕ GitHub

EDUCATION

Master of Science (Informatics)   **2023 - 2024**
University of Louisiana at Lafayette, USA
Coursework*: Computer Networks, R Programming, Database Management Systems*

Bachelor of Technology (Electronics & Computer Engineering)   **2017 - 2021**
JB Institute of Engineering and Technology, Hyderabad- Telangana, India
Coursework*: Python Programming, Web Development, Software Development Life Cycle, Neural Networks*

EXPERIENCE

University of Louisiana at Lafayette, USA   **September 2023 – Present**
Graduate Assistant at University Computing Support Service

- Worked on migrating services from virtual machines to **Docker** containers hosted on **AWS ECS**.
- Integrated **AWS Elastic File System** (EFS) for file storage, ensuring seamless scalability.
- Implemented file syncing from **EFS** to **AWS S3** and added lifecycle policies to move files to **S3** Glacier for long-term storage.

Valuebound Consulting Services Pvt. Ltd, India   **September 2021 – July 2023**
SDE1

- Implemented the PMO section of the company ERP, improving management's reporting and project tracking for over 200 employees using **React, NodeJS, ExpressJS, Material UI,** and **MongoDB**.
- Led Dialer's Integration with the MindTickle Platform. Utilized **OAuth 2.0**, **webhooks**, and **cron** jobs to process call data, managing thousands of recordings in AWS S3 and enabling efficient analytics with SQL databases using **Python, AWS, and PostgreSQL**.

SKILLS

Frontend Technologies: JavaScript, HTML, CSS, TypeScript, Angular, Material-UI, Bootstrap
Backend Technologies: Python, Java, R, Node.js, Express.js, MongoDB, SQL, Kafka, Restful API's
Framework: ReactJs, React Native, Unity, Next.js
Cloud Services: AWS, Docker
Machine Learning: Pandas, TensorFlow, Data Science, NumPy, Natural Language Processing, Beautifulsoup4.
Version Control: GitHub, GitLab

PROJECTS

Title: Valuebound-Enterprise Resource Planning 🎬 Video   **December 2022 – July 2023**

- Implemented the **PMO** section of the company **ERP**, enabling management to view detailed reports for over 200 employees.
- Enhanced project analytics, allowing management to track the number of employees per project and the percentage of resources allocated, improving oversight efficiency by 25%.

Technologies used: **React, NodeJS, ExpressJS, Material UI, MongoDB**

Title: Dialer Integration   **January 2022 – November 2022**

- Integrated Dialpad, Twilio, and SalesLoft with the MindTickle Call-AI Platform using **OAuth 2.0**, and **access tokens**, facilitating secure data capture.
- Implemented **webhooks** and **cron** jobs to capture and process user call data, managing over 1000's of recordings stored in **AWS S3**.
- Stored structured data in **SQL** databases, enabling efficient analytics and operational insights for client operations.

Technologies used: **Python, Sanic, Gino, AWS, PostgreSQL**

CERTIFICATIONS

- AWS Certified Cloud Practitioner aws Verification **Validation Number: WSF102Y2TJ1EQBCB**
- Coursera Data Science Orientation Certification ∞ Verification

Profile Links

⭐ **Leetcode**: leetcode.com/abhiram_paidimarri/, ⓗ **Hacker Rank:** hackerrank.com/profile/pabhi2000