

CHANDRAPRAKASH M

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SUMMARY

Results-driven Software Engineer with 2 years of experience in full stack web development using React, Node.js, and Python. Proficient in building scalable applications, REST APIs, and integrating SQL and NoSQL databases. Skilled in cloud platforms, CI/CD pipelines, and backend automation using Airflow and Spark.

EDUCATION

Robert Morris University
Master in information systems and management

Pittsburgh, PA
CGPA: 3.76/4.0

TECHNICAL SKILLS

Languages: Python, Java, JavaScript, SQL, HTML, CSS
Frameworks & Libraries: React.js, Node.js, Express.js, Flask
Databases: MySQL, PostgreSQL, MongoDB
DevOps & Cloud: AWS, Azure, Azure Data Factory, Databricks, Docker, CI/CD (GitHub Actions / Azure DevOps)
Data Tools: Apache Spark, Hadoop, Apache Airflow, ETL Pipelines
Developer Tools: Visual Studio Code, Git, Jupyter Notebook, Postman, Swagger

EXPERIENCE

SOFTWARE ENGINEER

July 2021 – July 2023

Corefront Technologies- IT Department

Hyderabad, INDIA

- Developed and maintained full-stack web applications using React.js for frontend and Node.js/Python for backend APIs, enhancing functionality and performance.
- Designed and deployed RESTful services and integrated SQL and MongoDB databases to ensure seamless data flow and storage.
- Created responsive, dynamic user interfaces with React, JavaScript, HTML, and CSS, improving user engagement and interactivity.
- Automated backend data processes using Apache Airflow, ETL pipelines, and Spark, enabling efficient data-driven features across applications.
- Deployed applications on AWS and Azure with CI/CD workflows, collaborating with cross-functional teams to deliver scalable and reliable solutions.

PROJECTS

Smart Grid Data Management | SQL, IoT, Energy Sensors

- Developed a real-time database system for monitoring electricity usage from smart meters and SQL queries for consumption analysis.
- Automated data aggregation to gain insights into energy efficiency trends.
- Built an interactive UI dashboard with JavaScript, HTML, CSS for real-time visualization and dynamic filtering of consumption data.

House Price Prediction | ML, Python, Scikit-learn

- Developed a machine learning model to predict house prices, achieving 89% accuracy.
- Enhanced model precision through feature engineering, data scaling, and model tuning.
- Assessed model performance using R-squared and Mean Absolute Error (MAE) metrics.

PROFESSIONAL CERTIFICATIONS & INVOLVEMENT

- AZURE Associate developer - Microsoft
- AWS fundamentals – AWS