

HARSHITA CHEGONDI

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TECHNICAL SKILLS

Frontend	React.js, JavaScript (ES6+), HTML5, CSS3, Bootstrap, Responsive UI Design, TypeScript
Backend	Node.js, Java, Python, RESTful APIs, Asynchronous Processing, Server-side Scripting, C, C++
Databases	PostgreSQL, MySQL, Oracle SQL, Snowflake SQL
Cloud Platforms & DevOps	Salesforce, AWS (S3, EMR, Redshift, Athena, IAM, CloudWatch), Snowflake, Docker, Git, GitHub, CI/CD Pipelines
Data Engineering & Analytics	ETL Pipelines, Data Migration, Data Modeling, Tableau, Power BI
Developer Tools	VS Code, Postman, Jupyter, Eclipse, Git, API Documentation, Debugging Tools
Development Methodologies	Agile, SDLC, Data Structures, Algorithms, Debugging, Testing, Code Review, API Documentation
AI & ML Tools	TensorFlow, Keras, Distributed Computing

PROFESSIONAL EXPERIENCE

ABSYZ Software Consulting, Hyderabad, India

09/2020 – 01/ 2023

Senior Software Engineer

- Led a 4-member engineering team to build and deploy dynamic frontend modules using **React.js** and **Bootstrap**, improving UI responsiveness and reducing user task completion time by 25%
- Designed **Lightning Web Components (LWC)** with configurable validations and reusable templates, reducing duplicate code and increasing form accuracy by 40% across departments
- Developed backend services using **Node.js** and **Express.js** for external integrations and dynamic form handling, reducing response time for third-party data sync by 30%
- Integrated Salesforce with external platforms using **REST APIs**, **OAuth 2.0**, and **Named Credentials**, enabling secure real-time data exchange and reducing manual data sync by 70%
- Maintained automation on Salesforce using **Apex triggers**, **Batch Apex**, and **Queueable Apex**, optimizing record processing pipelines for 100K+ entries and wrote test cases ensuring 95% coverage across all processes
- Promoted directly from Associate Software Engineer to Software Engineer within a year, skipping an intermediate level due to exceptional performance, consistent delivery, and significant technical impact.
- Managed sprint planning, team mentorship, and stakeholder communication, boosting delivery efficiency by 30% and reducing onboarding time by 40%

Pena4 Tech Solutions Pvt. Ltd., Visakhapatnam, India

04/2019 – 05/2020

Data Analyst

- Designed and led the development of ETL pipelines using **Python**, **SQL**, and **AWS Glue** to migrate structured healthcare data from on-prem systems to **AWS S3**, optimizing high-availability storage and improving accessibility by 50%
- Engineered scalable data transformation workflows using **AWS EMR** and **Athena**, leveraging distributed computing to parallelize large-scale processing and reduce report generation time by 40%
- Oversaw **IAM governance**, system monitoring via **CloudWatch**, and executive dashboard delivery using **Tableau**, while coordinating stakeholder communication and ensuring HIPAA compliance

PROJECTS

Sentiment Analysis on Movie Reviews

02/2024 – 04/2024

- Constructed advanced sentiment classification systems using **CNNs** and **BERT** to extract emotional insights from thousands of online movie reviews, ensuring high throughput and analytical consistency
- Reached 97% model accuracy while significantly enhancing processing efficiency, enabling faster extraction of public sentiment for business insights

Distributed File Processing System

09/2024 – 11/2024

- Developed a distributed file manipulation system using **Apache Spark**, **RDDs**, and **HDFS**, supporting parallel create, update, delete, and read operations across large-scale datasets
- Applied distributed systems principles such as partitioned data handling, lazy evaluation, and lineage tracking to ensure consistency, fault tolerance, and a 60% improvement in processing efficiency

EDUCATION

Master of Science, Computer Science

01/2023 – 12/2024

University of Texas at Arlington (*Artificial Intelligence, Big Data, Machine Learning, Data Mining, Web Data Management*)