

DEEPAK GANDEPALLI

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EDUCATION

BTech, Gayatri Vidya Parishad College of Engineering 2020 - 2024
Major in Mechanical and Minor in Computer Science
Relevant Coursework: Data Structures, Computer Networks, DBMS, Web Development, etc

TECHNICAL SKILLS

Programming Languages	Python, JavaScript, Java, C++, Bash
Web Development	HTML, CSS, React, Node, Express, Flask, TailwindCSS, Bootstrap
Database	PostgreSQL, MongoDB
Data Tools	Apache Kafka, Pandas
Developer Tools	Git, AWS, Linux, Postman, Firebase

CERTIFICATIONS

- AWS Certified Cloud Practitioner (CLF-CO2)
- Kaggle Intro to SQL

PROJECTS

CodeCat ([Try it here](#))



Tech Stack: *ReactJs, NextJs, Tailwind CSS, Firebase, Zod*

- Developed a fully functional web-based code editor similar to Replit, supporting over 40+ programming languages.
- Implemented an interactive user interface that facilitates input value submission, enabling users to test their code with various scenarios and view immediate outputs.
- Integrated Firestore from Firebase to store and manage user-created files, ensuring data persistence and accessibility across sessions.
- The authentication of the users is handled with JWT and OAuth2 for a streamlined user experience.

Real-time Stock Market Data Pipeline and Analysis



Tech Stack: *Python, SQL, Apache Kafka, EC2, S3, Glue, Athena*

- Designed and implemented a real-time data pipeline using Apache Kafka, AWS EC2, and S3 to stream, process, and store stock market data.
- Leveraged AWS Glue, Athena, and Crawler to establish an ELT process and data catalog, enabling efficient querying and analysis on the dataset.

Windows-95 themed Portfolio ([Try it here](#))



Tech Stack: *ReactJs, NextJs, SASS, EmailJs*

- Developed a unique and engaging Windows 95-themed portfolio site which contains applications like wordpad and file explorer.
- Incorporated interactive features such as draggable and resizable components using React-Draggable, emulating the iconic Windows 95 interface.
- Integrated the EmailJs library to facilitate users in sending emails directly from the portfolio site.

EXPERIENCE

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| • Juniper Networks Networking Virtual Internship | 05/23 - 07/23 |
| • Google Cloud Platform - 30 Days of Google Cloud Program | 09/21 - 10/21 |