

Deepak Gadde

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EDUCATION

Master of science, Information Systems

2023(August)-2024(December)exp

IOWA STATE UNIVERSITY OF SCIENCE AND TECHNOLOGY, Ames, Iowa

Bachelor of Technology, Computer science and Engineering

DVR&DR. HS MIC COLLEGE OF TECHNOLOGY, INDIA.

2019(August)-2023(April)

SKILLS

Programming Languages: C, Python, Perl, JavaScript (including React, Node.js)

Version Control: Git, GitLab

Database Management Systems (DBMS): SQL(MySQL), NoSQL (MongoDB), Database design principles, Normalization

Cloud Services: Amazon Web Services (AWS), Azure, GCP, including S3, EMR, Glue, RDS, Redshift

Data Analysis: SQL, Data modeling, Elasticsearch.

Data Engineering Tools: Apache Spark, Hive, Big Query, Kafka, Cassandra, ETL

Machine Learning: Linear Regression, Logistic Regression, K-means, Random Forest, Convolutional Neural Networks (CNN), RAPIDS

CERTIFICATIONS

AWS Academy Graduate - AWS Academy Cloud Foundations - [Certificate Link](#)

AWS Academy Graduate - AWS Academy Cloud Architecting - [Certificate Link](#)

PROJECTS

CoinTrack: React Cryptocurrency Tracker

- Developed a React Cryptocurrency Application providing users with daily price updates of various crypto coins using free APIs.
- Implemented a search bar for users to locate coins by name, enhancing user experience and accessibility.

Holiday Planner Application using MERN Stack

- Engineered a holiday planner application using the MERN stack, featuring React for the frontend, Node.js for the backend, and MongoDB for data storage.
- Designed for seamless functionality in both online and offline modes, providing users with travel information and recommendations irrespective of internet connectivity.

Student Feedback System

- Conceptualized and developed a web application facilitating enhanced communication between faculty and students, resulting in a 35% increase in feedback submissions and a collaborative learning environment.
- Implemented features fostering effective communication, resulting in a 20% increase in academic performance and educational quality enhancement.

Supermarket Billing System Development

- Designed and implemented a billing software system tailored for a local supermarket, utilizing the MERN stack for efficient management.
- Developed a user-friendly interface enabling swift barcode input processing, discount application, and automated bill generation, optimizing the supermarket's checkout process.

EXPERIENCE

Co-Founder & Team Lead, Software Development Community Startup (Undergraduate Initiative)

- Initiated and co-founded a software development community startup during undergraduate studies, leveraging departmental support to launch the venture.
- Orchestrated the development of budget-friendly web applications for educational institutions, ensuring accessibility to digital solutions for schools and colleges with financial constraints.

LEADERSHIP AND EXTRACURRICULAR ACTIVITIES

President, Coding-Club

- Orchestrated, facilitated and managed coding competitions and interactive workshops, engaging 100+ participants to foster technical proficiency, collaboration, and a vibrant community spirit within the organization.