

Dinesh Koushik Deshapathi

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EDUCATION

Arizona State University

Master of Science in Computer Science (MSCS)

Tempe, AZ

Aug. 2022 – May 2024

Vasavi College of Engineering

Bachelor of Engineering, Electronics, and Communication – CGPA: 8.65/10

Hyderabad, India

Aug. 2017 – July 2021

RELEVANT COURSEWORK

- Data Structures
- Database Management
- Machine Learning
- Web Development
- Computer Networks
- Software Development

PROFESSIONAL EXPERIENCE

Software Development Engineer

Accolite Digital India Private Limited

July 2021 – June 2022

Hyderabad, India

- Assisted in the development of both the front end and back end of an aviation-based web application that helps authorized users to get information about flights using Angular framework, Typescript, and Java (Spring Boot).
- Made effective enhancements to display the flight information of up to 1k+ flights ensuring user satisfaction.
- Implemented JSON Web Token (JWT) authentication for the FPS which auto logouts the user after 'T' hours.
- Responsible for developing a theme builder using Sass and CSS which helps users to customize the theme of the application; Users were given 4 primary themes as a default.
- Revamped the application to separate international and domestic routing and also to display the planned output.
- Responsible for generating logs on every click in the application and displaying them with many additional filters.
- Successfully and efficiently integrated the application with a third-party service to track the live location of the flight which helps the users in the team to track the status of the flight.

Software Engineer Intern

Accolite Digital India Private Limited

Feb. 2021 – June 2021

Hyderabad, India

- Worked in a team to create an automated chatbot engine to help users with their queries based on the input data using React library and Natural Language Understanding (NLU) scripts.
- Responsible for writing Junit test cases for the web application and improving the code quality from 7% to 95%.

PROJECTS

Online Real Estate Portal | *Spring Boot, MongoDB*

- Worked on creating a real estate portal like Magic Bricks using Spring Boot, Hibernate, and MongoDB and interfaced it with the Swagger to hit multiple REST API endpoints like add to cart, remove from cart, etc.

IMDB Clone App | *React Native*

- Designed and developed an application that displays movie details similar to IMDB, which has popular, top-rated, and upcoming movie components. The Project GitHub link has been attached to my portfolio.
- Used react native to style and display the data in the UI after fetching it from the database.

Personal Portfolio | *HTML, CSS, JS*

- Designed a personal portfolio to demonstrate my skills in HTML, CSS, and JavaScript. Link to access my work: <https://dineshkoushik.github.io/>.

Text Spam Detection | *Python, Pandas, Neural Networks, Machine Learning*

- Worked on building a spam detection model on various texts using RNN and TFIDF deep-learning models.
- Compared the results of both to improve the performance of the models and achieved the accuracy of 93%.

TECHNICAL SKILLS

Programming: Typescript, Java, Python, C/C++, JavaScript

Frameworks/Libraries: Angular, HTML, CSS, Spring Boot, Machine Learning, Computer Networks, Pandas, Redux

Databases: MySQL, Oracle, MongoDB

Developer Tools: Git, Postman, VS Code, Jupyter Notebook, Eclipse, IntelliJ