

# 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

## PROFESSIONAL EXPERIENCE

### Software Development Engineer

*Accolite Digital India Private Limited*

July 2021 – June 2022

*Hyderabad, India*

- Developed FedEx's Flight Planning System (FPS) using Angular, Typescript, Java, and Spring Boot which helps authorized users to track the status, information, and stages of the flights which are about to depart and departed.
- Made effective enhancements to display the flight information of up to 1000 flights ensuring user satisfaction.
- Developed a Launch Monitor interface in the FPS application which optimally displays the timeline of flights from each station in the US. It also includes the feature of displaying a multi-flight icon when multiple flights have the delta change in their departure time.
- Integrated FPS with a third-party service to track the live location of the flight which helps the users in the FedEx 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 as a module to help users with their queries based on the data inputted.
- Attained hands-on experience with React library and Natural Language Understanding (NLU) scripts.

## 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.

### Personal Portfolio | *HTML, CSS*

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

### IMDB Clone App | *React Native*

- Developed an application that displays movie details similar to IMDB, which has popular, top-rated, and upcoming movie components.

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

- Built a text spam detection model using RNN and TFIDF deep-learning models.
- Compared the results of both to improve the performance of the models.

## TECHNICAL SKILLS

**Programming:** Typescript, Java, Python, C, C++

**Frameworks/Technologies/Libraries:** Angular, HTML, CSS, JavaScript, Spring Boot, Bootstrap, Machine Learning, Computer Networks, Pandas, Matplotlib, NumPy, Redux

**Databases:** MySQL, Oracle, MongoDB

**Developer Tools:** Git, GitHub, VSCode, Jupyter Notebook, Eclipse, IntelliJ, Jenkins, Linux commands

## CERTIFICATIONS

**Problem Solving Skill** - HackerRank

**Python for Data Visualization** – LinkedIn

**Computer Networks: Switching and Routing** – Cisco Networking Academy

**Neural Networks: Hyperparameters, Regularization, and Optimization** – Coursera

**Neural Networks and Deep Learning** – Coursera