

PRADYUMNA DONEKAL

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PROFILE

A results-driven software developer, highly skilled in languages including Python and Java. Effective project management and organizational skills used to manage software-based projects. Leverages strong communication skills to collaborate within teams and support users in resolving technical issues.

SUMMARY

- A student of Software Engineering Technology Advanced Diploma (Fast-Track) program at Centennial College; Holds a Bachelor of Engineering in Computer Science & Engineering, Visvesvaraya Technological University
- Experience in both Data Structures and Algorithms, with a proven technical aptitude
- Academic experience in object oriented and related methodologies
- A skilled problem-solver; able to work under pressure to meet competitive deadlines

SKILLS

- **Programming Languages:** Python, Java, C++, PHP, Node.js, HTML5/CSS3, JavaScript, jQuery, Android, C#
- **Java Frameworks:** Spring, Spring MVC, Spring Boot
- **Web:** React, jQuery, JavaScript, JSON, HTML, CSS, PHP, Angular, Bootstrap
- **Mobile:** Android Studio, React Native, XCode
- **Database:** MySQL, SQL, Oracle SQL Developer, MongoDB, PL/SQL
- **Software:** AWS, Git/GitHub, MSOffice, Notepad++, Sublime Text Editor
- **IDE:** Visual Studio, VS Code, Eclipse, NetBeans, Dreamweaver, PyCharm, IntelliJ, HeidiSQL

WORK EXPERIENCE

Hem & Ra Consulting LLC

Data Scientist

Bangalore, India

Jan 2019 – July 2019

- Worked within an Agile development environment
- Performed secure code development, debugging, analyzing test results and implementation
- Gained hands-on experience with Machine Learning and Neural Networks from experienced educators in the company
- Worked with “Video Classification Using Image Processing” to construct an efficient and effective model to automatically label and classify the video content

- Developed programs with technologies such as Python, Jupyter Notebook, TensorFlow, OpenCV

ACADEMIC PROJECTS

- **APPLICATION FOR NURSES AND PATIENTS TO INTERACT**

- Created a GraphQL application for nurses to track patient's medical history and allow patients to post emergency alerts. Dockerized the entire application
- Technology: Node.js, Express, GraphQL, MongoDB, Docker | Repository: <https://github.com/Praddonekal/Nurse-Patient-Interactive-System>

- **USED CAR PRICE PREDICTION APPLICATION**

- Developed a ML model to predict used car prices based off multiple parameters.
- Created a user interface to allow users to easily use our application
- Technology: Python, Jupyter Notebook, Flask, HTML, CSS | Repository: <https://github.com/Praddonekal/Car-Price-Predictor>

- **PRODUCT INVENTORY MANAGEMENT WITH A REVIEW SYSTEM**

- Designed a Spring Boot application to allow users to keep track of the product inventory and add user reviews to them
- Technology: Spring Boot JPA, MySQL, Thymeleaf | Repository: <https://github.com/Praddonekal/Product-Review-System>

- **MOBILE APPLICATION TO BUY AND SELL CARS AS IN AN AUCTION**

- Designed an application to allow users to post a car for bidding and allow customers to negotiate prices
- Technology: React Native, Google Firebase | Repository: <https://github.com/Praddonekal/Cars-Auction-Mobile-Application>

- **WEB APPLICATION FOR FREELANCERS TO EXPAND THEIR CUSTOMER BASE ONLINE**

- Designed a full-stack application to allow freelancers to post their businesses online and make it more accessible to customers online
- Technology: MERN Stack

EDUCATION

Advanced Diploma in Software Engineering Technology (Fast-Track)

Jan 2021 – April 2022

Centennial College, Toronto, ON

Bachelor of Engineering in Computer Science & Engineering

Sept 2016 – Aug 2020

Visvesvaraya Technological University, Bangalore, India

Hobbies: Music, Movies, Gaming, Reading, Travelling