

Pruthvi Kumar

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Data science enthusiast with strong technical background and 3 years of experience in Software development. Able to effectively self-manage during independent projects as well as collaborate as part of a productive team. Seeking to utilize strong technical skills and experience to thrive as a Data Scientist.

EDUCATION

University of Missouri-Kansas City
Master's in Computer Science

Aug 2021-Present
GPA- 3.6/4

Vellore Institute of Technology
Master of Technology in Software Engineering

Jul 2014-May 2019
GPA- 8.81/10

EXPERIENCE

Cerner Corporation

Software Engineer 1

Bangalore, India
Sept 2019-Aug 2021

- Worked in Revenue cycle Organization team as software engineer, the team involves in developing transaction posting functionalities for the hospitals and health plan providers.
- Took active part in requirement analysis, design discussions, code reviews, unit testing, defect fixes, enhancements.
- Delivered 30 plus new enhancements for Cerner's Revenue Cycle Application in span of 2 years.
- Uplifted CCL (Sql based Cerner tech) Based projects to Java technology.

Achievement: Awarded as **Outstanding Performer** for the year 2020-2021 for delivering the quality work throughout all the 4 quarters.

Technologies: *Java, SQL, JavaScript, React, CCL.*

Intel Corporation

Graduate Intern

Bangalore, India
July 2018-July 2019

- Development and maintenance of the Radio Resource Controller (RRC) in Protocol Stack for 5G Mobile modem.
- Worked In Intel's ICDG group (Acquired by **Apple** In 2019) for Protocol stack team, the team involves in maintenance of Radio Resource Controller (RCC) for 3G mobile modem.
- Involved in Development of 3G modules for upcoming Apple 5G modem releases.
- Actively participated in Design Discussions, Code reviews, Scrums, Retrospective meetings.

Technologies: *C, C++.*

SKILLS

Languages : **Python, SQL, Java, R, MATLAB.**

Tools : Tableau, Excel, AWS, Git.

Database : MySQL.

PROJECTS

Library Management System

- Worked with a team and developed a software-based library management system application.
- Includes admin and user sessions which facilitates user and library management to do their tasks.
- Keeps record of all the information regarding books such as availability, count, incoming books and much more.

Face Recognition using Transfer Learning and Deep Neural Networks

- Worked with a team for developing a Face Recognition project using transfer learning and neural networks.
- Considered a dataset with large samples of facial data and used 70 percent of the data to train the model and rest 30 percent for validation purpose.
- Used a VGG19 model to be trained using AT&T's Facial data to train the model.

RESEARCH

Highway Toll Management and Traffic Prediction using Data Mining

- Created an online toll admission framework and movement forecast investigation that will have the capacity to pay the toll utilizing the web installment gateway. Clients can pay with approved certifications, and in view of the passage of the vehicles into toll, the movement status of specific throughway can be acquired.