Rose S Jose

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EXPERIENCE

Software Engineering Program Intern   **J P Morgan Chase & Co.**   **May 2022 – July 2022**

- Was part of 2 projects during the internship.
- As a part of modernization, all the REXX language scripts which is a legacy language were converted to Python and were deployed into production during the course.
- Developed a middleware that access a protected API, retrieved the data, connected to the database using Kerberos protocol, transformed data, and passed the data to another API using JAVA Spring boot.

Languages and Technologies

- Programming Languages – C++, Python, C
- HTML, CSS
- Database – MySQL, PostgreSQL
- Tools – Git
- Web Framework - Flask

EDUCATION

Kozhikode, India   **National Institute of Technology, Calicut**   **July 2019 – Present**

- B. Tech in Computer Science and Engineering. CGPA till current semester: 8.98/10
- Main coursework: Data Structures and Algorithms, Program Design, Computer Organization, Discrete Structures, Operating Systems, Computer Networks, Compiler Design, Machine Learning, Database Management Systems, Object-Oriented Systems

PROJECTS

- Developed a Machine Learning Model to predict if breast cancer is malignant or benign using different algorithms.
- Developed a portfolio website using HTML and CSS.
- Developed a Library Management System, a team project as a part of Database Management Systems Course using flask and PostgreSQL.

ACHIEVEMENTS AND RESPONSIBILITIES

- Got a CGPA 10/10 in AISSE 2017 and 95.8% in AISSCE 2019.
- Qualified for the prestigious JEE Main 2019 and was among the top 1.6% of about 10 lakh students that appeared.
- Secured a gold badge with 5 stars in HackerRank Python Programming.
- Finalist for the hackathon Code for Good conducted by J P Morgan Chase & Co.