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EDUCATION

North Carolina State University, Raleigh NC
Master of Computer Science, May 2021

GPA: 3.6/4.0

Courses:

Fall 2019: Design and Analysis of Algorithms, Database Management Systems, Computer Networks

Spring 2020: Algorithms for Data Guided Business Intelligence, Software Engineering, Artificial Intelligence

Amrita School of Engineering, Bengaluru, India

Bachelor of Technology, Computer Science and Engineering, May 2018

GPA: 9.4/10.0

SKILLS

Programming Languages:	C++ (fluent), Python (fluent), Java (fluent), JavaScript (prior experience)
Web Technologies:	HTML, CSS, Bootstrap, ReactJS, NodeJS, Express, Django
Databases:	MySQL, MongoDB, SQLite
Operating Systems:	Windows, Linux (Ubuntu)
Tools:	Visual Studio Code, Sublime Text, Git, Tortoise SVN, Jira, Crucible, EggPlant

WORK EXPERIENCE

Software Engineer (Cerner Corporation)

Jul 2018 – Jun 2019

- Devised and supported enhancements for software extensively leveraged in ICUs of various healthcare institutions. Intensively worked on change requests to fix code issues and improve performance of software.
- Wrote scripts to automate functional workflows using Eggplant. Debugged and Tested code to analyse and verify impact of code changes.
- Conducted and organized extensive code review meetings with teammates to ensure clean and efficient code was delivered to clients.
- Facilitated cross-team communication for overlapping issues and workflow information.

Software Engineer Intern (Cerner Corporation)

Jan 2018 – Jun 2018

- Developed a full stack web application using software engineering process incorporated at Cerner Corporation.
- Engaged in sessions and events conducted to study about company policies, client distributions and technology stack implemented by company.

PROJECTS

Medical Performance Dashboard Application

- A team project involving development of an application using Java and JDBC that provides performance data about medical facilities with respect to the quality of patient visits and patient treatment outcomes.
- Involved in developing and testing functionalities of the application translated from the Entity-Relation diagram and the Relational Model of the database designed.

Face recognition web application

- Built a full stack web application comprising of an image recognition API to detect faces in any image obtained from URLs entered by a registered user.
- Utilized React and Redux to build application front-end with NodeJS handling back-end requests made to a PostgreSQL database management system.

Online Learning Platform for collaboration, learning and sharing content

- Designed front-end React components for entire web application based on inputs from teammates and project mentor. Diligently followed process of agile software development – Scrum.
- Reviewed code extensively to identify and document bugs and fixes. Wrote test scripts to test the User Interface by using Eggplant tool.