

TECHNICAL SKILLS

Languages/Tools	C++, Java, Python, JavaScript, GIT, Firebase, AWS, Tableau, OpenRefine
Web Technologies	React, Redux, React-Thunk, React-Hooks, Node.js, Express.js, Rest API, PHP, D3.js, HTML CSS, Bootstrap, Material-UI, Ajax, jQuery, Flask, Jinja2, BeautifulSoup, Mocha and Chai
Java Frameworks	Core Java, Spring, Hibernate, JPA, Spring MVC, Spring Security and Webservices, AOP
Databases	MySQL, Firestore, PostgreSQL, MongoDB, Mongoose

EDUCATION

Master's in Computer Science Old Dominion University, Norfolk, VA, USA	Aug 2018 – May 2020 GPA: 3.8 / 4.0
Bachelor of Technology in Computer Science GITAM University, India	Aug 2014 – May 2018 GPA: 3.7 / 4.0

PROFESSIONAL EXPERIENCE

Project Scientist/Full Stack Developer (Virginia Modelling Analysis and Simulation Center)	Aug 2020 - Present
<ul style="list-style-type: none">Working as a Full-Stack Developer on multiple Research and Development projects. Most projects involved working with: <i>React, Nodejs, Firebase, PostgreSQL, Elasticsearch, AWS, Docker, Mocha, and Chai</i>.Currently developing a progressive web application that has React.js for the frontend and Node.js, Express.js for the backend.Application involves developing Express.js APIs and deploying them to firebase functions, loading and retrieving time series data from PostgreSQL, Geo Firestore queries, and Google APIs for navigation on React-Leaflet maps, search functionality with Elasticsearch, Testing of APIs using Mocha and Chai.Structuring/Designing the tables in Firestore for improving efficiency in retrieving the records and related fields Tech Stack: React, Node.js, Express.js, Firebase, React-Leaflet, PostgreSQL, Elasticsearch, Mocha and Chai	
Web Developer (Information Technology and Services – Old Dominion University)	Jan 2019 – May 2020
<ul style="list-style-type: none">GrammarCat: Developed a Grammar Teaching Web Application for ODU English Department. Key functionalities included separating portals for admin and users, providing individual scores, dashboards for tracking individual progress to see which words students struggle the most.As this application is concentrated on students, I have designed an interactive interface to accommodate student interaction which included the pick and drop of words and points assignment by number of attempts to guess correct answer. Tech Stack: PHP, Bootstrap, CSS, jQuery, AJAX, JavaScript, MySQLTransfer Equivalency: Created an application for the ODU Admission Department for the students who needed to transfer their credits from another university to ODU. Worked in agile environment followed the guidelines given by different departments in equating the credits for the transfer. Tech Stack: PHP, Bootstrap, CSS, jQuery, AJAX, JavaScript, MySQL.	
Graduate Assistant (Old Dominion University.)	Aug 2018 – Dec 2018
<ul style="list-style-type: none">Graded 300 level course on how to solve complex problems using C++ and assigned projects to students and provided guidance. Collaborated with faculty at weekly meeting and delivered updates about the students' progress.	
Software Developer Intern (CFBT, India.)	Aug 2017 – Feb 2018
<ul style="list-style-type: none">Led a team of three interns to develop an application to assess the standards of schools based on the data given by CFBT reviewers. Which involved different portals, converting data to required format, storing data for future review, and dashboard to display the data through visualizations, which is used to keep the track the progress of the schools. Tech Stack: React, Redux, React-thunk, Express.js, Node.js, Axios, MongoDB, D3.js	

ACADEMIC PROJECTS

Customer Relation Management

- Implemented a web application to keep track of customers by saving the customer's information in the database.
- Used application to search and retrieve, add, update, and delete customer information. Provided role-based authentication for the portals using Spring Security.
Tech Stack: Spring MVC, Spring RestServices, Spring Security, Hibernate, JSP, HTML, CSS, MySQL

TechieConnector

- Developed a social network app for software developers using **RESTful API** in MERN stack which includes authentication of users, dashboard, profiles, forum post and various features which are widely found in other social platforms.
Tech Stack: React, Redux, React-thunk, MongoDB, Express.js, Node.js, Axios