Prateek Keerthi

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Career Objective

Results-oriented Computer Science graduate, with experience in software development skills, aiming to solve complex problems and develop business models driven by technology.

Education

Masters in Computer Science, Old Dominion University (ODU), CGPA: 3.8/4   **Aug '18 - May '20**

Bachelor of Technology in Computer Science, GITAM University, CGPA: 3.6/4   **Jul '14 - May '18**

Technical Skills

Languages/ Tools: C++, JAVA, Python, GIT, Eclipse, Tableau, Agile, CodeIgniter, OpenRefine

Web Technologies: React, Redux, React-Thunk, React-Hooks, Node,js, Express.js, Rest API, JSON, PHP, D3.js, JavaScript, HTML, CSS, BootStrap, Ajax, Jquery, Flask, Jinja2

Java Frameworks: Core, Java, Spring, Hibernate, JPA, Spring MVC, Spring Security, Spring WebServices, AOP

Databases & Servers: MySQL, MongoDB, Mongoose, Xampp

Work Experience

Web Developer, Information Technology and Services, Old Dominion University   **Jan '19 – May '20**

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.

Transfer 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.

Graduate Assistant, Old Dominion University   **Aug '18 - Dec '18**

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   **May '17 – Dec '17**

Led a team of three interns to develop a Java 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 of school's developments.

Major 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, Workbench.*

DevConnector

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 platforms. *Tech Stack: React, Redux, React-thunk, MongoDB, Express, Node.js, Axios.*

MyShop

Implemented an application "MyShop" which has comprehensive information about all the commercial shops such as product information and offers on the products. *Tech Stack: Spring MVC, Hibernate, JSP, HTML, CSS, MySQL, Workbench*

Carpooling

Developed a carpooling application using LAMP stack. Key functionalities inclusive of Portals for users, add rides along with prices, options for showing number of seats available for sharing and displaying of car route using google API's directions. *Tech Stack: PHP, Bootstrap, CSS, jQuery, AJAX, JavaScript, MySQL.*