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++, C#, Java Python, GIT, Tableau, Agile, CodeIgniter, OpenRefine
Web Technologies	React, Redux, React-Thunk, React-Hooks, Node.js, Express.js, REST API, JSON, PHP, D3.js, JavaScript, HTML5, CSS3, Bootstrap, Ajax, jQuery, Flask, Jinja2
Java Frameworks	Core Java, Spring, Hibernate, Spring MVC, Spring AOP, JPA, Spring Boot, Spring Security
Databases & Servers	MySQL, SQLite, 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. *Tech Stack: PHP, Bootstrap, CSS, jQuery, AJAX, JavaScript, MySQL, CodeIgniter Framework*

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.
- *Tech Stack: PHP, Bootstrap, CSS, jQuery, AJAX, JavaScript, MySQL*.

Graduate Assistant, Old Dominion University — **Aug '18 - Dec '18**
- Graded 300 level course on how to solve complex problems using C++ and conducted interactive doubt sessions for students.
- Assigned projects to students and providing guidance in completing them by the deadline. Collaborated with a team of faculty at a weekly meeting and delivered updates about the students' progress.

Software Developer Intern, CFBT, India — **May '17 – Dec '17**
- Lead 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 statistical developments of schools.

Major Projects

DevConnector — **Jan '20 - Mar '20**
- 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*

Carpooling — **Jul '19 - Oct '19**
- 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*

File Explorer — **Jan '19 - May '19**
- Developed an Online file explorer application and deployed it on Heroku. Key Module used: http for connection, path for getting current path, which is used for displaying content in the breadcrumb, file system for reading, writing into the file, url for parsing the url for specific parts. *Tech Stack: Node.js, jQuery, HTML, CSS, Bootstrap, Nodemon, Hyper.*

Customer Tracker — **Jan '19 - Apr '19**
- 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. *Tech Stack: Spring MVC, Hibernate, JSP, HTML, CSS, MySQL, Workbench*

Boston Crime Rates — **Jan'19 - Apr'19**
- Pre-Processing, Cleaning, Analysis of crimes based on factors like occurrence of events in stadiums, public parades, during different times of the day etc., developed a safety manual for the first time boston visitors through visualizations using d3.js and blockbuilder. Data obtained is from multiple places

MyShop — **Sep '18 -Jan '19**
- Implemented an application "MyShop" which has comprehensive information about all the commercial shops such as product information and offers on the products. *Tech Stack: Java 8, Spring 5, Eclipse*

Leadership

Publicity and Marketing Manager at Indian Student Association, Old Dominion University.	**Oct'18 - Current**
Worked as IEEE Technical Head, GITAM University	**Jun '16 - May '17**