**NIKHIL PRASHAR**  
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**EDUCATION**

Master of Science, Computer Engineering **GPA: 3.929/4.0**  **May 2018 (Expected)**  
**Syracuse University,** Syracuse**,** NY

Bachelor of Technology, Information Technology **GPA: 3.78/4.0** **May 2016**  
**Manipal University,** Manipal Institute of Technology, India

**TECHNICAL SKILLS & INTERESTS**

**Languages**:Java, C, C++, C#, SQL, HTML/CSS, Xaml, Xamirin, Android, Git.

**Web** **Technologies**:JavaScript, AngularJS, Angular 2, SpringMVC, Entity Framework, ASP .NET, Firebase.

**WORK EXPERIENCE**

**Graduate Teaching Assistant, Syracuse University,** Syracuse, NY

* Object Oriented Design Course (C++) **January 2017 – Present**
* Software Modelling and Analysis Course (C# .NET, WCF, WPF) **August 2017 – December 2017**

**Software Engineering Intern (Angular 2, ASP .NET, Entity Framework, Xamirin Framework, XAML) June 2017 – August 2017**

**Slalom Consulting,** Boston, MA

* Developed **Web Application** and **Mobile Application** for Slalom consultants using **Agile Development Cycle** to make entries and approvals for expenses & reimbursements quicker and easier.
* Designed database & used **Entity Framework** Code-first migrations to manage expense information.
* Implemented Web Application using **Angular 2 & ASP .NET**.
* Implemented Mobile Application using **Xamirin and Prism frameworks**, with **XAML** as the front-end.

**Graduate Analyst Intern (Spring MVC, Angular JS, Java, JUnit) January 2016 - June 2016**

**Blackrock Inc,** Gurgaon, India

* Designed **Web Application** using **Agile Development Cycle** to handle FIX Message Configurations.
* Automated saving FIX Message configurations to the database to avoid manual database entries.
* Implemented back-end using **Java** & **SpringMVC Architecture** & front-end using **AngularJS** and **HTML/CSS**.
* Tested application using **JUnit.**

**ACADEMIC PROJECTS**

**VenYou (Android, Angular 2, Firebase),** Syracuse University **October 2017 – December 2017**

* Developed Event Organization Application on Mobile (**Android**) and Web (**Angular 2**) platforms – to allow users to participate in events & host events.
* Implemented location-based recommendations using **Angular-Google-Maps (AGM)** for Web & **Google Maps API** for Android.
* Implemented **firebase connectivity and authentication** to store & access event & user information.

**OrangeDrive (Android, Firebase),** Syracuse University **October 2017 – December 2017**

* Developed Campus Recruitment Portal for Syracuse University for Mobile (**Android**) platform, using **different layouts**, **Recycler Views**, **View Pagers**, **Multiple Fragments** and **firebase connectivity and authentication** to store & access student & job information.
* Provided functionalities for students to filter, search & apply for jobs**,** that were posted by recruiters that visit campus for career fairs.
* Provided functionalities for recruiters to post new jobs & review student applications.

**Type-based dependency Analysis & Remote Code Publisher (C++, HTML, CSS, JS),** Syracuse University  **February 2017 – May 2017**

* Developed tool to perform **Dependency Analysis** on files and **publish** them as web pages.
* Extracted lexical contents from source code files to generate **Abstract Syntax Tree** & analyzed it to build **Type Table.**
* Analyzed **Type Table** to find dependencies between set of files which get stored in **No-Sql** database.
* Published analyzed files as web pages and provided facility to expand and collapse classes and function bodies.

**Key/Value No-SQL Database (C++),** Syracuse University **January 2017 – February 2017**

* Developed No-SQL In-memory database to handle massive data collection and analysis, using XML support to persist the database.
* Implemented template class that provided Key/Value in-memory database with each value consisting of item name, category name, text description, time-date recording the written time to the database and list of child relationships.
* Implemented packages to support complex queries to database (union/intersections of two or more keys).

**Test Harness (C#, .NET, WCF, WPF, Multithreading, App Domains),** Syracuse University **August 2016 – December 2016**

* Developed Automation Testing Tool based on Client Server Architecture to automate integration testing.
* Implemented functionality to test multiple client’s code concurrently and generate detailed test reports for client.
* Executed tests that run test driver on small set of packages, recording pass status and logging execution details.
* Submitted Test Requests to Test Harness via request messages naming one or more test driver executions.

**ACCOMPLISHMENTS**

• 50% Scholarship grant at Syracuse University. • Best Intern Project Award at Slalom Consulting Summer Project fair, 2017.