RAKESH BADGUJAR

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EDUCATION

- **Texas A&M University, Kingsville, TX**
  Master of Science in Computer Science   *Expected Graduation May 2018 (GPA 3.64)*
- **University of Pune, Pune, India**
  Bachelor of Engineering in Computer Engineering   *May 2015 (GPA 3.5)*

WORK EXPERIENCE

Teaching Assistant, Texas A&M University-Kingsville, TX   *October 2017 – present*
- Lead recitations for Software Engineering to improve student understanding of the subject in Fall 2017.
- Mentored students and evaluated their Lab assignments, Homework's and exam papers.

Software Developer, Accede Software Sol, Pune, India   *June 2015 – July 2016*
- Developed Windows and Web based applications. Major role was to gather the requirements from client and develop applications in .NET and to write SQL scripts in agile software development methodology.
- Developed backend web services using the Express framework in NodeJS and a web client using AngularJS and NodeJS for review website. Ensured the technical feasibility that accelerated load-time by 18%.
- Developed a .Net application which provides step by step instruction to assemble the electronic kit, leading to 60% increase in production. worked with QA team.
- Implemented a website http://cosmictechnosolution.com/ using HTML5, JavaScript and CSS.

Software Development Intern, Vins India Software Pvt. Ltd, Pune, India   *Jan 2015 - Mar 2015*
- My main responsibilities were build, design and maintain web applications, core modules, jobs (console applications or windows services developed in C#) and databases (tables, views, store procedures, function etc.).

Quality Assurance Intern, We Chat, Pune, India   *Jul 2014 - Aug 2014*
- Tested and monitored the group chat, voice and video call feature for version 5.4.1. Promoted brand awareness.

PROJECTS

Yelp camp   *Sep 2017 - Dec 2017*
- Developed a website, here you can sign up and add your own campground and also share your views about the campgrounds. On the back-end I used NodeJS, NPM, ExpressJS, REST, Authentication, PassportJS.
- For datastore I used non-sql MongoDB. Take a look at: https://shrouded-everglades-69840.herokuapp.com/

Write your own blog   *Sep 2017 - Dec 2017*
- Developed a website, where you can write your own blog also you can update or delete your blog. website is developed using 7 RESTful routes. Improved user experience by 40% with the help of semantic UI.
- Write your own blog at: https://aqueous-thicket-29778.herokuapp.com/blog

Java to UML Generator   *Jan 2017 – May 2017*
- Developed a parser (in Java) which takes java source code as input and generates an image containing the UML class diagram. Generate UML diagram from your java code at: http://nexustamuk.weebly.coms

Focus   *June 2015 - July 2016*
- Developed web-based portal for Institute, on which professors can upload lectures, schedules and grades.
- Implemented classes, interfaces and methods in C# which served call back events triggered by ASP.NET GUI elements such as buttons, textboxes and drop-down lists. Reduced data ingestion time by 30%.

Dairy Farming Industry   *June 2015 - July 2016*
- A Windows Application used to keep records of Dairy information in database. Developed the Stored Procedures and SQL Scripts to get and store data from database and used to maintain Batch Files.

SKILLS

- C++, Java and Python
- JavaScript
- Spring, Hibernate

- HTML5 and CSS
- NodeJS /ExpressJS
- AngularJS, React

- ASP.Net, C#.Net
- Amazon Web Services
- MySQL, MongoDB

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