

Abhishek V. Madan

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EDUCATION

Master of Science in Software Engineering, San Jose State University, CA. (GPA: 4.00/4.00)

August 2016 – May 2018

Bachelors of Engineering in Electronics, Nagpur University, India. (3rd Univ topper)

August 2009 – May 2013

TECHNICAL SKILLS

| | | | |
|----------------------|--|---------------------------|---|
| Languages | Java, C, C++, Sql, PISql, Android. | Web technologies | HTML, CSS, Javascript, JQuery, Angular js |
| Databases | MySQL, Oracle, Mongodb. | Cloud technologies | IBM Blumix, Heroku, Amazon AWS |
| Collaboration | Github, Docker. | Web Services | Jersey, Node js. |
| Misc. | Fcm, Volley, Gson, ButterKnife, Glide, Picasso, android deep linking, Retrofit, Appium, Junit. | | |

WORK EXPERIENCE AND INTERNSHIP

GlobalLogic India Ltd. - Associate Software Engineer - Android

November 2015 – July 2016

Project: Medtronic Inc

- Successfully Headed a Team of **5+** peoples in a Hackathon and bagged recognition for the business idea.
- Developed an android application for programming an implantable drug delivery pump, a class III Medical device.
- Adequately Implemented and tested **20% of the automation test case** modules to ensure the application quality.

Central Institute of Information Technology - Intern

May 2015 – October 015

- Web Applications development using HTML, CSS, JavaScript, JQuery, JSP, JSTL/EL and API's.

Accenture Services Pvt. Ltd. – Associate Software Engineer - PISql

July 2013 – October 2014

Project: Generali Business Solution

- Efficiently developed and managed **15+ complex PL/SQL scripts** for allocating performance based incentives to Agents.
- Complete ownership for providing backend support to Clients application and maintaining core commissioning database.
- Automated **6+** manual reports using **CRYSTAL REPORTS** thereby improving the daily reporting efficiency by 10%.

ACADEMIC PROJECT

Enterprise Cloud Application: BOTMAN– Bot Framework (link: <http://bit.ly/2nMwH3N>)

August 2016 – December 2016

- Technology stack- Html, Css, javascript, Angular js, Node js, Amazon EC2 cloud service.
- Designed and implemented a hosted Javascript framework service to help users create chat Bots for slack platform.
- Hosted the framework on Amazon EC2 with load balancing and auto scaling feature to ensure high availability.
- **The Project was recognized amongst the top 10 ideas for building a better future:** <http://bit.ly/2oLVtVtK>

Cloud Based IoT Application: Smart Kitchen (link: <http://bit.ly/2paQV8v>)

December 2016 – January 2016

- Technology stack- Android, Html, Css, javascript, Angular js, Node js, Heroku cloud service.
- Designed and developed an IoT-based app which helps you make your kitchen smarter by using ENY button and Neura SDK.
- Solved the problem of keeping a check on the Kitchen grocery by providing the real-time update on a single button click.
- **Project won 1 prize in Eny Hackathon and was published on Devpost:** <https://devpost.com/software/smart-kitchen>

Multi-Tenant SaaS App solution on AWS cloud: UML parser

February 2017 - May 2017

- Technology stack- Amazon AWS services, MEAN stack, Docker, Java.
- Developing a single page app for Java Source code of UML parser to be submitted and graded.
- The app implements the feature toggle to provide tenant specific customization for grading the Java Code.
- The app demonstrates use of Amazon VPC, Load balancer for application scalability in a distributed environment.

Android Application: Zappos prototype (link: <http://bit.ly/2nTAVRQ>)

February 2017– March 2017

- Technology stack- Android, Zappos api, Picasso, Android data binding, Retrofit, Android deep linking.
- Developed an android e-shopping Zappos prototype for viewing products using retrofit and Picasso libraries.
- Implemented android data binding and deep linking for sharing a product with friend over any messaging platform.

Android Application: SketchBoard (link: <http://bit.ly/2paS3ZG>)

March 2016– April 2016

- Technology stack- Android, 2D-graphics, Picasso library.
- Designed and implemented a paint application for an android platform that mimic the windows paint application.
- Provided secure storage for the images over a private web server using the Android Picasso Image library.