


# ANKIT RAI

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## SUMMARY

Software Engineer with a rich knowledge in building Java and JavaScript applications bringing 4.3 years of experience into software design and development.

## PROFESSIONAL EXPERIENCE

### **Eaton**

#### **Engineer**

Jan 2016 – Present

*Projects: Power Xpert Gateway Dashboard*

- PXG Dashboard is an Angular JS application developed to communicate with Eaton's electrical devices.
- Developed the Configuration Tool altering the existing implementation from Python to JS reducing the data access and process time from devices by 40%.
- Developed an Expression Evaluator API extending Dijkstra's two stack algorithm to support ternary conditions and unary operations.
- Leading a team of 3 developers and mentoring them for Angular JS and JavaScript best practices.

### **Amdocs**

#### **Subject Matter Expert**

May 2015 – Jan 2016

*Projects: Telefonica – Chile / Mexico / Ecuador / Colombia*

- Refactored java based legacy code to improve design, performance and remove code duplicity.
- Developed a procedure analyzer tool which gave visual representation of the database procedure workflows resulting in reduced analysis time and better maintenance.
- Created UI generation API to perform transition of xml to html at runtime leading to dynamic form creation.

### **Tata Consultancy Services Limited**

#### **Systems Engineer**

Dec 2012 – Apr 2015

*Projects: Gemological Institute of America - Spectrum*

- Spectrum is a diamond grading application used by the graders at GIA.
- Implemented core grading module of the application.
- Developed custom UI component providing tree view representation of hierarchical data.
- Created an automation tool to retrieve selective updates from SVN into central repository for deployment which led to better bugs' root cause identification during SIT phase.

## TECHNICAL SKILLS

Programming Languages:	Java, JavaScript
Programming Paradigms:	Data Structures, Algorithms, Design Patterns, OOPs, Multithreading
Frameworks	Angular-JS, Spring MVC, Hibernate
Database	Oracle, PL / SQL
Tools	SVN, GIT, Serena Dimensions, Jira, Eclipse, Maven, JUnit

## PERSONAL PROJECTS

- Password-Pro Manager  
<https://github.com/a2ankitrai/Password-ProManager>  
A Java FX application to store and manage passwords. The application demonstrates features like Java 8 lambdas, JAX.
- Ankitrai.com  
[www.ankitrai.com](http://www.ankitrai.com)  
My personal website built with AngularJS and Bootstrap.

## EDUCATION AND CERTIFICATION

Bachelor of Engineering, Computer Science • Rajiv Gandhi Technical University • 70 %	2008 – 2012
Oracle Certified Professional Java SE 6 Programmer • 100 %	2010
AISSE (12th) • CBSE • 82 %	2008
AISSE (10th) • CBSE • 83.8 %	2006

## EXTRACURRICULAR ACTIVITIES AND AWARDS

- Honored with **Hall of Fame** Award for achievements in Eaton for Configuration Tool development.
- Selected in final round for **Spot Light** Award for the tool that I created in my account in Amdocs.
- Active participant in various **Hackathon** events at Amdocs level.