

DEEPAK RAVI SHANKAR

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OBJECTIVE: Actively looking for Software Development/Engineering fulltime positions. Available from January 2018.

EDUCATION: **ROCHESTER INSTITUTE OF TECHNOLOGY** ROCHESTER, NY, USA
Degree: Master of Science
Major: Computer Science
Expected December 2017

Dr. AMBEDKAR INSTITUTE OF TECHNOLOGY BENGALURU, INDIA
Degree: Bachelor of Engineering
Major: Computer Science
August 2013

SKILLS: **Programming Languages:** Java, Python, Android, SQL, C++, HTML5, JavaScript.
Database: Oracle, MySQL, H2, SQLite, MongoDB.
Frameworks: Spring, Hibernate, Play, Bootstrap, Angular 4.
Design Patterns: MVC, Dependency Injection.

EXPERIENCE: **THOMSON REUTERS** BANGALORE, INDIA
Associate Software Engineer August 2013 – April 2015

- Contributed to Proof of Concepts for projects that required extensive client involvement.
- Actively involved in team activities to build different modules for the project.
- Collaborated with different teams to coordinate the easy flow of data across cross platform systems.
- Presented a tech talk about AMQP protocol to help ease the business workflow across different systems.
- Led a small team to develop for an in-house project to obtain team progress information.

PROJECTS: **SecureDB**
SecureDB is an application that uses the OAuth protocol to implement security for accessing RDBMS.
Tech. Used: Java, Play, HTML5, JavaScript, Bootstrap, AngularJS **Project link:** <https://goo.gl/uIV4yK>

Search and Share App
Mobile application that can be used to search various products and share it with nearby users.
Tech. Used: Android, Google Nearby, Zappos API **Project link:** <https://goo.gl/TMA0vq>

Dynamic Mail
A web mail client that can be used to connect to any mail exchange servers to send and receive emails. The project implemented SMTP, IMAP and POP3 protocols.
Tech. Used: Java, HTML5, JavaScript, Bootstrap **Project link:** <https://goo.gl/YDnWnn>

Flight Schedule Prediction based on Weather
A web application that provides predictions for potential flight delays based on weather information.
Tech. Used: Java, Spring, Hibernate, HTML5, JavaScript, Bootstrap **Project link:** <https://goo.gl/mKnnpw>

Network Packet Analyzer
This is an individual project that is used to analyze packets in a network. The project has been implemented using Java.
Tech. Used: Java **Project link:** <https://goo.gl/dko8C7>

Metrics
An in-house data analysis and visualization project at Thomson Reuters used to measure the team performance statistics derived from Team Foundation Server Data.
Tech. Used: Java, Play Framework, Microsoft TFS SDK, JFreeChart API