

SHREYAS KEERTHI RAJU

Software Engineer

Personal Info

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Technical Skills

Core Java, J2EE, Node.js
Advanced

Spring, Hibernate, JOOQ
Advanced

Hadoop, MapReduce, Pig, Hive, Spark, Python
Intermediate

Hadoop, MapReduce, Cassandra
Intermediate

HTML, CSS, JQuery
Intermediate

Extracurricular Activities

➤ Presented HashMaps idea at Google Startup Weekend in 2014.

➤ Organized Computer Society of India Convention at Reva Institute in 2014.

Graduate student in Computer Science and an IT Professional with 2.5 plus years of experience in Software Development with a strong passion for coding. I am looking forward to bringing that passion to a full-time role.

Projects

- **CredEx – Credible Examination**
 - It is a software platform for diagnosing cardiovascular diseases.
 - Tested on nearly 100 real patients and validated with cardio experts for accuracy. Current accuracy is 80%.
 - Developed APIs using Python and Machine learning algorithms.
- **Academic projects**
 - Implementation of Lambda Architecture using Kafka, Cassandra and Spark.
 - HealthStats is a web dashboard developed using JavaScript and Chart.js.
 - FoodQuest is a web application developed using Java, MySQL & MongoDB.

Professional Experience

- **Enterprise Architecture Intern, Blue Cross Blue Shield Association**
June 2017 to August 2017
IT Analyst, Blue Cross Blue Shield Association
October 2017 to date
 - Worked on characterizing, transforming, applying analytics and reporting National Health Data using Pig, Hive, Spark and Python within BCBSA security parameters.
 - Handled integration of publicly available data sources-governmental, commercial and academic.
 - Handled visualization using Tableau by understanding BCBSA standards, guidelines and healthcare data needs.
- **Software Engineer, LiftOff LLC**
April 2015 to May 2016
 - Developed RESTful web services and microservices to handle third party integrations using Java and Node.js and was exposed to frameworks like Spring, Express.js, JOOQ etc.
 - Integrated Elastic Search to improve search performance and setup continuous integration on Jenkins and AWS.
 - Handled Dials, Google, Microsoft Outlook and iCloud calendar APIs in Node.js adhering to CalDav RFC 4791 and iCalendar RFC5545 specifications.
 - Handled regular deployments.
- **Software Engineer, Yokogawa IA technologies India Pvt Ltd**
July 2014 to April 2015
 - Developed APIs using Java and Node.js to view past behavior of the plant and automate drone to fly in a predefined path.
 - Involved in testing of flagship products like CENTUM VP and FAST/TOOLS.

Academics

- Masters in Computer Science at Illinois Institute of Technology (Fall 2016).
Current GPA **3.67/4**. **Expected: May 2018**
Courses: Design and Analysis of Algorithms, Cloud Computing, Big Data Technologies, Enterprise Web Applications, Mobile Application Development, Object Oriented Design patterns, Unified Modeling Language, Data Mining, Computer Networks, Software Project Management
- B.E in Computer Science at Nitte Meenakshi Institute of Technology with CGPA of **8.52/10**. **2010 - 2014**

