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- Intern Software Analyst and Developer** **Intentional Software Corporation** 2017
- Made performance, interaction and visual improvements to the PipeViewer developer tool.
 - Created different levels of information granularity for visualising Hit Test Item listener hierarchy graph.
- SDE-2** **Flipkart Internet Private Limited, Bangalore** 2015 - 16
- Designed and developed the Flipkart Digital Products Fulfilment Ecosystem, data storage, fulfilment engine and micro-services, from the ground up to fulfill, track and provide user insights for **1,000,000+ purchases** of e-books and digital codes (game codes, software keys) **per day**
 - Developed the 0 interest EMI feature, where customers paid 0 interest on installments, thereby increasing sales of large value items by **30%** and constituting **15% of all sales** in the launch month (*DropWizard, Redis, MySQL*)
- SDE-1** **Flipkart Internet Private Limited, Bangalore** 2013 - 15
- Developed Flipkart Offers Zone which recorded sales of **INR 6,000,000,000** during Flipkart's first Big Billion Day
 - Moved website from PHP based stack to Java stack and conducted performance testing, thereby increasing the throughput of website to **60,000+ unique requests per second** from 10,000 RPS. (*Memcached, Spring*)
- Intern** **Flipkart Internet Private Limited, Bangalore** 2013
- Helped develop a score scale to improve keyword bidding for Search Engine Marketing cutting search engine marketing costs by 12% (*Scala, MySQL*)
- Intern** **Qualcomm Incorporated, Hyderabad** 2012
- Kernel hacked **volume daemon** to create a solution for multiple external drive support on core Android platform

Education

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- University of Wisconsin-Madison, USA** M.S. In Comp. Sci., GPA: 3.9 Aug 2016 - May 2018
- PES Institute of Technology, India** B.E In Comp. Sc.& Eng., G.P.A: 9.04 Aug 2013

Technical Experience

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- [Magellan Entity Matching System](#) : Created GUI tool for manual verification & feedback to for EM (*PyQT*)
 - [ASL Sign Language Recognition](#) : Detected hand sign language from a captured image, videos, using image processing and machine learning techniques. (*Matlab*)
 - **Entity Matching**: Developed EM model for information extraction from massive data sets. Given a pair of programming challenge questions, the algorithm will predict a match. (*Python*)
 - Implementation and Application of Weighted Score to Determine the Domains Sub-Domains of the Knowledge Represented by Paragraph in A Technical Context (*Java, Weka*)
International Conference on Education and New Learning Technologies, Barcelona, July 2013
 - **Application of Ontologies to organizing and searching content**: Used Protégé by Stanford University to create an ontology from a music database, implemented natural language search by leveraging Web Ontology Language as per the RDF specification of World Wide Web Consortium. (*OWL, Protege*)

Languages and Technologies

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- Java(>5000 lines of code), C , Python, C#, DropWizard, Scala, JavaScript, MYSQL, Maven, Gradle
 - Technology Trainer - Department of IT, UW-Madison
 - **Interests**: System Scalability, Full stack Development

