

SUMMARY

- Computer Science graduate having expertise in Data Structures and Algorithms, Application Development and Big Data.
- Experience working in ecommerce website developer which generates millions of dollars revenue.

EDUCATION

Master of Science in Computer Science, Arizona State University.
Bachelor of Engineering in Computer Science, Anna University.

MAY 2017 (GPA – 3.3/4.0)
MAY 2014 (GPA – 7.7/10)

SKILL SET

Languages: Java, C++, C, C#, Python, Scala, Swift.
Tools: Eclipse, Android Studio, Visual Studio, NetBeans.
Web Technologies: JavaScript, Vue.js, HTML5, CSS, Bootstrap, jQuery.
Databases and Big Data: Hadoop, Spark, MySQL, PostgreSQL, MongoDB.
Repositories: Git.

PROFESSIONAL EXPERIENCE

Full Stack Developer – SupplyHouse.com, Melville, New York. (Java, MySQL, Vue.js, OFBiz, SVN): **Oct 2017 – Present**

- Developed the feature of sending saved cart as email that uses an intelligent service which stores metadata information about the cart and is used for giving better user experience and marketing prediction.
- Created several internal tools like report generation tool which is used by customer support/accounting teams to generate product and brand/financial based reports, banner tool used by the marketing team to configure banners dynamically.
- Released several bug-fixing patches for the internal tool used by the company in a short period of time and proactively discovered several new bugs.
- Developing the Recruitment System for HR which would help them in hiring new talented candidates.

Programming Intern – Arizona State University, Tempe, Arizona. (SharePoint, PHP, Bootstrap): **July 2016 – Dec 2016**

- Developed several dynamic sites for interaction of international students with the professors on a global scale at ASU.
- Diligently handled the migration of legacy PHP web pages (approximately 100) from several websites.
- Designed the web pages using UI/UX principles to help create a fresh experience.

Catalogue Associate – Amazon, Chennai, India. (VBA): **Sep 2014 – May 2015**

- Automated the process of exhibiting the product information on the Amazon Web Site.
- Handled complaints by diligent interaction with vendors and manufacturers to gain insight on their respective requirements.

Associate Software Engineer – Accenture, Hyderabad, India. (MySQL, C#, .NET): **Jun 2014 – Sep 2014**

- Worked under the backend database team for Supply chain management in Microsoft.
- Mined information from the database by maintaining the consistency and managed the database schema.

ACADEMIC PROJECTS

Geospatial Data Processing (Apache Spark, Hadoop, Scala, Python and JAVA): Performed geospatial operation using Geo spark API on distributed data with the help of HDFS and spark cluster. Used ganglia to monitor the cluster performance. Performed Spatio-temporal hotspot analysis of New York Yellow Taxi data set and calculated the top 50 hotspots using Getis-Ord correlation algorithm. (SIGSPATIAL GIS CUP 2016)

Multidimensional Mini Base (Mini Base, Java, JSI library): Extended the Mini Base to account for multidimensional information. Java Spatial Index (Rtree) was used to implement the multidimensional indexing. Operations like object distance estimation and object intersection etc. were also performed.

Adaptive Computational Offloading Using Mobile Cloud Computing (Java/Android, Eclipse, AWS): Created an intermediate framework support which would adaptively offload the expensive computational parts of an application to the cloud. It had an intelligent decision-making algorithm which would decide during runtime whether to offload the current computation based on parameters like power, bandwidth and speed of the local device (Mobile phone) and the support kept evolving during each run by averaging out the execution times, hence making it more accurate.

Compiler Design (C/C++): Designed and implemented lexical analyzer, parser and intermediate code generator for a programming language that had semantics like Java.