Akash Suresh

✉ akashsuresh36@gmail.com | ☎ +91-9620837837 | ⚲ Bengaluru, India | ⬡ akash-suresh | ⬛ akash-suresh

EDUCATION

2013-17 **B.Tech in Computer Science & Engineering**
CGPA - 8.3/10
National Institute of Technology Karnataka, Surathkal

2011-13 **Class XII Karnataka Pre-University Board**
Overall Percentage - 90.7
VVS Sardar Patel Pre-University College, Bengaluru

2010-11 **Class X C.B.S.E Board**
CGPA - 9.6/10
Vidyaniketan Public School, Bengaluru

WORK EXPERIENCE

July, 2017 – Present

Senior Software Engineer
Myntra (Flipkart-Walmart Group), Bengaluru

- Part of the Supply Chain Inbound team, which focused on building a platform from scratch, scaling to procure 500,000+ styles.
- Individually developed the Central Delisting Engine end to end. This system helped curate styles on Myntra, garnering higher traffic positivity coming mainly from much lower brokenness —200k additional sessions.
- Developed Replenishment Planner, which automatically creates Purchase Orders for the Top Selling Styles, which reduced TAT for Purchase Order generation to under 10 minutes.

May, 2016 - July, 2016

Software Engineering Intern
Myntra (Flipkart-Walmart group), Bengaluru

- Worked on returns minimization using Machine Learning. Developed a user size recommendation engine based on their orders/returns history using K-Means and K-Prototype clustering techniques.

May, 2015 - July, 2015

Research Intern
Indian Institute of Science (IISc), Bengaluru

- Worked on simulating Vickrey auctions on social networks using Python. The project focused on mechanism design on underlying social network structures with the aim of creating auctions which satisfy desired game theoretic requirements.

PROJECTS

AlgoRaiding

- Developed a algorithmic trading script, which leverages the volatility of the stock market to make trades automatically, to make marginal profits and minimize loss using Renko charts in Python.

ChainRank

- ChainRank is a semantically aware LexRank algorithm for automatic text summarization. ChainRank provides huge improvements on LexRank by using Lexical Chains to extract meaningful sentences, and then using these to provide bias to the sentence connectivity relations determined by LexRank.

Count it!

- Built a game that is used to track and help improve the progress of children with dyscalculia. The game had adaptive difficulty levels, which helped children get better, and overcome dyscalculia.

FileTorrent

- Developed an offline peer to peer networking software allowing users to share files through the network using overlay networks and multi-cast sockets in Java.

SKILLS

Backend	Java, Python, MySQL, Hibernate
Frontend	ReactJs

HONORS & AWARDS

- Represented IEEE Bangalore section at the R-10 Congress 2015 Colombo, Sri Lanka.
- Awarded best paper at the 'Lake 2010:Symposium on Wetlands, Biodiversity and Climate Change', held by Indian Institute of Science (IISc) ,Bangalore during December 2010.
- Awarded first place in the 4th International Mathematics Olympiad (IMO) for the school in 2010.

EXTRACURRICULARS

- **Head Placement Coordinator** for Dept. of Training and Placement at NITK, Surathkal.
- **Joint Convener** for IEEE - NITK Student Chapter.
- **Photographer** for the PR team at Make A Difference, a NGO.