Kaushal Saraf

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EDUCATION

- **Manipal Institute of Technology and Science** — Manipal, India
  Bachelor of Technology in Computer Science and Engineering; GPA: 9.05/10.0 — *July. 2012 – June. 2016*

EXPERIENCE

- **Goldman Sachs** — Bangalore, India
  A multinational financial services company that engages in investment banking with $38B reported revenue

  Technology Analyst — *June 2016 - Present*
  - **Innovation**: Conceptualized and built a chatbot for an internal Order Management System being used by over 30K employees across the firm everyday and reducing the support queries from 2K to under 500 a month leading to approximate savings of $486K annually for the firm.
  - **Strategic Modelling**: Conducted extensive data modeling for a project aimed at reduction of latency in onboarding clients to the firms digital resource. Reduced client onboarding timelines from 43 days to 7 days.
  - **Feature Development and Upgrade**: Developed a access control feature for a project to handle approvals of resources for a client and controlled access for the digital resources available to the clients. Upgraded the existing code to Java 8 using the concepts of Lambda Expressions and Optional features.

  Seasonal Analyst — *Jan 2016 - May 2016*
  - **Ownership**: Developed and maintained an external application with over 2000 clients using it over a month completely built on Java Dropwizard Framework
  - **Product Design and Development**: Led a 3-member team to design and develop a survey application being used by the firm to understand prevalent market scenarios and develop trade ideas accordingly after analysis
  - **Collaboration**: Orchestrated Quality Assurance team efforts and collaborated with engineering teams such as Securities Sales team, User Experience team, external auditors through the development of the survey application
  - **Feature Development**: Developed a pioneering dashboard using React-Redux to enable live analysis and filtering of responses of the survey taken by the participants. REST service for data aggregation ran complex queries on MongoDB highly efficiently.

  Summer Analyst — *Summer 2015*
  - **Operational Efficiency Improvement**: Support over 3000 developers in the firm, leading to informed decisions and saving developer time by prioritizing tasks based on the usage of the platforms features and clients requirements using Singleton concept in Java to run a scheduler to accumulate all the information for analysis.
  - **Product Design and Development**: Leveraged open source tech such as ElasticSearch and Kibana to design and develop a system to send required information for analysis ensuring compatibility with all existing applications

- **Insti Software** — Kolkata, India
  An educational and professional recruitment platform working with over 5000 students and 200 colleges

  Web Developer Intern — *Summer 2014*
  - **Feature Development**: Developed and prototyped new features by identifying customer requirements, use-cases, and pain-points through customer interviews and feedback. Presented demo to a national corporate audience
  - **Pre-sales Efforts**: Played a key role in bagging 5 Corporate clients, spanning major metropolitan cities in India
  - **Collaboration**: Over 15 colleges were onboarded to the portal, the portal started being used by over 1000 students for obtaining their passionate positions in corporations leading to better and efficient employment opportunities

PROJECTS

- **PlayMe**: Music recommendation based on Social Media profiling and Neural Networks based on song categorization
- **EventBuzz**: One-stop Android app for all events across college campus and recommending events based on user profile
- **Waste Management**: Android App helping Municipalities cleanup waste in the city by residents sharing pictures and location

PUBLICATION

- **September, 2017**: "Intelligent Support and Recommendation System for Online Shopping", International Conference on Recent scientific Researches in Science and Technology

ACHIEVEMENTS

- **ACM ICPC Competitive Coding**: Ranked 1st in college round to qualify for the Asia Regionals in India
- **code.fun.do organised by Microsoft India**: Ranked in Top 3 in National Hackathon
- **FinTech Hackathon organised by Startup Weekend Chennai**: Ranked in Top 3 by pitching the idea of a disruptive reward system to leaders of Paypal on Android Platform

PROGRAMMING SKILLS

- **Languages**: Java, Dropwizard, REST, MicroServices, MongoDB, Javascript, Android Dev, Scala, SQL, C++

  Technologies: NodeJS, React, Kafka, Machine Learning, Neural Networks