## \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_SAURAV VARMA\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Java • Scala • RESTful WS • Functional Programming • Statistics

OBJECTIVE

*Use technology to build great products that solves real life problems and make information available and accessible to all in the simplest way.*

CAREER SNAPSHOT

**Experience**: 8+ years | **Domain**: eCommerce, Payments, Data Science, SAAS

* *Developing unified data warehouse & SAAS application for Data Scientists & business executives*
* *Learnt Statistics and Business Analytics at* ***Indian Statistical Institute*** *in Certificate course.*
* *Significant experience in building Recommendation Systems with startup,* ***Baynote*** *Inc.*
* *E-Commerce & marketplaces domain expertise from companies like* ***Amazon*** *&* ***eBay*** *India.*
* *Experience in developing great payments product and solutions at PayPal India.*
* *Worked as* ***Data Engineer, Platform developer and Quality & UI Engineer*** *at different positions.*

ACHIEVEMENTS

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| **Citi Mobile Challenge – APAC**  *Idealized & designed solution to analyze customer spending habits and using it to recommend products to buy using Citibank Rewards.* | **Innovator Award, PayPal India**  *Judged winner for innovating a new product idea for PayPal India to enable micro-payments in India using Aadhaar Card. Presented idea to CXOs, PayPal* |

WORK EXPERIENCE

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| **PRINCIPAL ENGINEER, PRAMATI TECHNOLOGIES, Oct 2013 - Till date**   * *Built JavaScript and Java based real time event streaming and data pipeline with a NoSql based data store to provide rich data insights* * *Designed Lambda architecture using Kafka, Apache Storm, Apache Spark and Druid (as POCs) for data ingestion that served 100,000 requests per second approximately* * *Built unified API layer for accessing Druid & Elastic Search as a multi-tenant data warehouse in scala for real time and batch data ingestion.* * *Set up distributed systems using Consul, ZooKeeper, Druid and Elastic Search cluster in production* * *Built RESTful services and backend for supporting Client’s legacy customers in the new Java platform for backward compatibility including email recommendations in Java.* * *Built Product Selection-Evaluation System for Recommender System SAAS platform serving ecommerce companies of various genre like furniture, hotels, apparels, sporting goods etc.* * *Implemented DSL using Antlr4 to create complex filter rules for selecting appropriate products.* * *Implemented A/B testing solutions framework for product recommendations in a SAAS platform.* * *Worked for stealth mode start-ups and instrumental in product launch for a well funded start up.* |
| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_SAURAV VARMA\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Engineer • Traveler • Learner • Doer  **APPLICATION DEVELOPER, COMPUTER SCIENCES CORPORATION, Sept 2011 - Sept 2013**   * *Worked with PayPal India at Chennai Development Centre.* * *Implemented various features in Risk & Compliance, Send Money, Request Money, Password Recovery and Profile Management handling transactions of more than 20 million dollar an hour.* * *Discuss with Product Manager to analyze, understand and find solution to the problem statement.* * *Design, development, integration & maintenance of the software module* |
| **SOFTWARE DEVELOPMENT ENGINEER IN TEST, AMAZON INDIA, May 2011 - Sept 2011**   * *Involved in the development of testing framework for synchronization software of users’ digital assets like ebooks, songs, videos, e-periodicals etc including the lent assets across all Kindle devices owned.* |
| **WEB APPLICATION DEVELOPER, COMPUTER SCIENCES CORPORATION, Jun 2008 - May 2011**   * *Design and development of consumer facing front end pages and testing across various web browsers which served 191 countries and supported 20 languages.* |

ACADEMICS

**Program on Business Analytics, INDIAN STATISTICAL INSTITUTE, Chennai (Feb 2015 - April 2015)**

*Studied introductory Statistical Analysis & Inference, Time Series Forecasting, eCommerce Business Analysis and Decision Making, Regression Models, ANOVA, Testing hypothesis, Dimensionality Reduction, Principal Component Analysis, SVM, Data Mining, Text Analytics, Recommendation Systems*

***Score****: Passed. Certificate Issued.*

**B.Tech in Computer Science & Engineering, UNIVERSITY COLLEGE OF ENGINEERING, Odisha (2008)**

***Score****: 8.65 out of 10.*

SKILLS

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| * End to End product design and solutions. * Lead a team to 2-3 in different projects and worked as a lead engineer in previous projects. * Member of the organizing team for Hackathon, an annual technology competition in PayPal. * Organized Tech-fests and was Placement Coordinator & Cultural Secretary in college. | | |
| **Have implemented…**  Data Pipeline and Data Warehouse  JS and Java based trackers  Recommender Systems  RESTful API & CLTs  Email Recommendations | **Have learned & used…**  Scalatra, Spring MVC  Design Patterns  Data Structures & Algorithms  MongoDb, JS, HTML, CSS, JS  Druid, Elastic Search | **Have knowledge about…**  Statistical Analysis & Modelling  Product Development  Machine Learning  Data & Text Mining  Data Engineering |

## \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_SAURAV VARMA\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Writing • Cooking • Reading • Music

INDEPENDENT COURSES

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| **Basic Statistics with R programming - Coursera & DataCamp** | **Statistical Inference, John Hopkins University - Coursera** | **MongoDB with Java - Certification from MongoDB Inc** |
| **Introduction to Marketing - Coursera** | **Introduction to Recommender Systems - Coursera** | **Hadoop Fundamentals - Big Data University** |