

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

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

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

- 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

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