

Kumar Vaibhav

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PROFILE

Offering 8+ years of product development experience as Senior Software Engineer in the areas of Healthcare and Capital Markets, with technology experience varying from .Net to Big Data stack. Also worked in the capacity of a Data Scientist while at R&D department of my present company.

SKILLS

Spark	Java	AWS	C#
Hadoop	Scala	JavaScript	Postgres
Data Structures/Algorithms		Hive	ML

EXPERIENCE

Advisory Board Company | Optum **Mar 2012 – Present | Austin/Chennai**

Teams – Big Data Platform | Datalake, R&D, Xede, CCC

- Automated creation and deployment of Hive based Datalake schema.
- Spark based, configuration driven command line projects – model based de-duplication, persisting third party data in S3, ETL datalake data to relational dbs.
- Developed JDBC based tools enabling platform to interface with SqlServer and Postgres.
- Development of Adhoc – any input(to datalake), any output(from datalake) manifest based framework.
- Development of AWS SQS/SNS, Lambda and Step Function based orchestration.
- Student Graduation Prediction using GBM. Person matching algorithms using credit card information. Text matching engines using statistical heuristics, new tech PoCs.
- Lead Engineer for Java based data acquisition team, Xede.
- Participant, winner of company wide Hackathons, mentor to new recruits and interns.

Indus Valley Partners

Sept. 2009 – Mar 2012 | Noida

Teams – Cosmos PriceMaster, Security Master, Polaris

- Development of all PriceMaster front end.
- Development of Scalar and Vector Pricing models library.

- Cross-browser compatibility for Polaris, development of SSIS packages, ASP.Net backend for various components in Security Master and PriceMaster.

MISC.

Other Projects/Recognition

- Twice awarded while at R&D, Advisory Board in appreciation for work done.
- Text Summarization System – AI project in NLP soon to be published. [\[Github\]](#)
- SLexer – Hand coded Lexical Analyzer in ANSI/ISO C [\[Github\]](#)
- PerformanceLabs – Wrapper over MVC MiniProfiler with reporting capabilities all embedded in a dll. [\[Github\]](#)
- www.panghal.com - Homepage linking to simple html5 learning exercises with canvas drawing app, audio/video, geolocation components. [\[Link\]](#)
- Member of IIT-Roorkee and IIT-Kgp interview panel, while in India.
- Keen interest in blogging and reading (<http://blog.panghal.com/>, <http://techblog.panghal.com/>)

VISAS

US – H1B in it's second year, B1 – valid till 2022
Australia – Permanent Residency valid till 2022

EDUCATION

B.Tech (Computer Science and Engineering)
Amity University, Noida with 8.06 CGPA

2005 - 2009

OTHER DETAILS

Date of Birth : 28th Feb., 1986
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References available on demand