

# Vidur Shailendra Bhatnagar

[www.vidurbhatnagar.com](http://www.vidurbhatnagar.com) | [mail@vidurbhatnagar.com](mailto:mail@vidurbhatnagar.com) | Ph: +91-9632566611



## EDUCATION

2014	<b>Advanced Analytics for Management</b> <i>Indian Institute of Management (IIM), Ahmedabad, India</i>	Completed Management Development Program
2013 (MBA) 2012 (B.Tech)	<b>B.Tech (CS), MBA (HR &amp; ICT)</b> Dual Degree B.Tech. – MBA (5 Year Course) <i>Jaypee Institute of Information Technology, Noida, India</i>	B. Tech. - <b>8.5 On 10</b> (86%) MBA - <b>8.9 On 10</b> (89%)
2008	<b>AISSE (12<sup>th</sup>) C.B.S.E</b>	<b>91%</b>
2006	<b>AISSE (10<sup>th</sup>) C.B.S.E</b>	<b>93.2%</b>

## PATENT APPLICATIONS

- Methods, Systems and Apparatus for Optimization Using Statistical Estimation**  
United States 14/098,706 Filed December 6, 2013
- Virtual Split Dictionary for Search Optimization**  
United States 14/314,032 Filed June 25, 2014

## WORK EXPERIENCE

- SAP Labs India Pvt. Ltd, Bangalore, India** Product Owner | June, 2014 – Present
  - Business Intelligence & Analytics – Product Management**
    - Youngest product owner at SAP Labs
    - Responsible for end-to-end delivery of innovative product features, including requirements definition, validation of implemented scope, etc. for BI tools like SAP Lumira and SAP Cloud for Planning
- SAP Labs India Pvt. Ltd, Bangalore, India** Developer Associate | July, 2013 – May, 2014
  - Fellow, Managing Director's Office – SAP HANA & SQL**
    - Drove multiple strategic products like 'Auction Analytics', 'Game Analytics' & 'Match Visualizations' for Kolkata Knight Riders – a franchisee in the sport of Cricket
    - Worked extensively on SAP HANA for implementing a predictive rules engine for Cricket
    - Managed development & roll-out of 2 products to automate internal processes like 'Electric-Car Booking' application and 'Paperless Model' at SAP Labs India
  - Fellow, Design & Front Line Applications, Palo Alto – Product Management**
    - As a part of the product management team, rolled out a new ticketing solution for Stanford University (Social Flex Seating)
    - Responsible for furthering fan engagement portfolio, gaining business acceptance for social flex concept amongst different stakeholders, defining product roadmaps, etc.
  - SAP Retail Execution (REx) – C#, HP LoadRunner, Objective C**
    - Developed load testing scripts for REx mobile application server in C# & HP LoadRunner
- SAP Labs India Pvt. Ltd, Gurgaon, India – Technical Intern** Feb, 2013 – June, 2013
  - Augmented Reality Platform (SAP Third Eye) - Android, SAP UI5, Netweaver Server 7.3, J2EE**
    - Developed an Augmented Reality (AR) Android platform, to enable creation of AR geo-location android applications consuming existing SAP backend services

- **SAP HANA Optimization (HOUSE) – R&D**
  - Co-invented a new concept to optimize SAP HANA - HANA Optimization Using Statistical Estimation (HOUSE) – which is a novel method to compress dictionary tables
  - Completed proof-of-concepts and successfully filed 2 patent applications in the USPTO
- 4. **WebEngage, Mumbai, India** – Freelance Software Developer Jan, 2013 – Feb, 2013
  - **Email-Reader Project** (Code Extension & Bug Fixes) - *Java, Markdown*
    - Resolved the infinite e-mail loop issue caused due to auto-email responders
    - Fixed the IMAP Server bug
    - Modified existing code to prevent hard wiring of certain RegEx definitions
- 5. **Rohits & Co. (India), Roorkee, India** – Freelance Software Developer July, 2011 – Feb, 2013
  - **Rohits' Office Automation (ROA) Software** - *Java, Swings, JSR 82, JDBC, and MS Access 2007*
    - Independently developed a complete ERP module for revenue cycle automation
    - Information management, printing of various bills on pre-printed stationary exclusive to an organization & automated report generation viz. sales, sales tax, performance, etc.
  - **Rohits' Temperature Data Logger** - *Java, Swings and RXTX Communication*
    - Developed client end interface for 8-bit 8-channel temperature data logger devices
  - **Rohits' Human Bite Force Measurement** - *Arduino 1.0 Processing*
    - Measurement device for calculating human bite force during relaxed jaw position

## SUMMER INTERNSHIPS

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| 1. <b>SAP Labs India Pvt. Ltd, Bangalore, India</b> – Functional Intern  | June, 2012 – July, 2012 |
| 2. <b>Bharat Heavy Electricals Ltd. (BHEL), India</b> – Technical Intern | June, 2011 – July, 2011 |

## PROJECT WORK

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- **'SpeakUp'** - A cost effective, real-time sign language to voice emulation system for vocally impaired (B.Tech. Final Year Thesis Project II – Awarded A+ Grade) - <http://goo.gl/HGVCj>
- **'QuBo'** - Quadruped robot for entertainment (B.Tech. Final Year Thesis Project I – Awarded A+ Grade) - <http://goo.gl/4Jzll>

## ACHIEVEMENTS

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- Awarded 'Employee of the Year, 2013' in SAP Labs India in Spirit Of Innovation Category, within 3 months of joining as a full time employee and also as 'Star of the MD Office' in Feb, 2014.
- Featured in 'Life@SAP' - <http://goo.gl/8N7uCV>
- Selected as an expert speaker for SAP Labs India for 'Product Innovation Day' (Meet the Expert Pod) 2013, ISEC 2014 (IIT Chennai), Technology Booths at IPL in Dubai & Kolkata and other internal events like OxD Conference 2014, Fresher's Day 2014, Faculty Day 2014 etc.
- Completed 'Introduction to Mobile Solution Development for Enterprise' and 'Introduction to Software Development on SAP HANA' courses on openSAP in 2013
- Winner of the " Franklin Templeton India - Invest for Tomorrow Online Idea Entries", January 2013
- Recipient of Government of India C.B.S.E Scholarship (CSS) for 5 years duration from 2008 – 2013
- Completed "Advanced Problem Solving in C" course under the aegis of IEEE in December, 2008
- National level (Open, University & Corporate) basketball player with 10+ years of competitive basketball experience including NBA India