

HARSHIT PATHAK

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OBJECTIVE

A motivated and strongly willed individual who wants to build a career of quality and excellence. Pertaining to the skillset along with continuous learning wants to work with dedication towards organizational and personnel growth and at the end return a part to the society.

EDUCATION

July '09 - July '13	B-Tech Computer Science <i>Indian Institute of Information Technology, Allahabad</i>	8.03/10
Apr '07 - Mar '08	Senior Secondary Certificate CBSE (XII) <i>Delhi Public School, Ghaziabad</i>	82%
Apr '05 - Mar '06	Secondary Certificate CBSE (X) <i>Delhi Public School, Ghaziabad</i>	82.2%

TECHNICAL PROFICIENCY

Programming Languages	<ul style="list-style-type: none">· C/C++ with STL.· Java.· Basic Objective-C.
Mobile Application Development	<ul style="list-style-type: none">· Comprehensive knowledge of Android Application Development, Both Native and Hybrid (Phonegap/Cordova). Experience working with open source libraries and google play services.· Basic Knowledge of IOS Application Development
Web Development Languages	<ul style="list-style-type: none">· JavaScript, jQuery, D3, HTML/CSS, Polymer, AngularJS· MySQL, basic NodeJS & PHP
Platforms/ Build Tools	<ul style="list-style-type: none">· GitHub/Git Bash, Jenkins, Maven & Ant.

PROFESSIONAL EXPERIENCE & PROJECTS

Oct'14 – Present	Associate Developer, SAP Labs India Ltd. Currently working with Business Intelligence Team on a mobile solution for “ SAP Lumira ”. Worked on the project from its initial phase. Held responsibilities for early POC's, features and architectural discussions.
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Sep' 14 -Sep'14	Associate Developer, SAP Labs India Ltd. <ul style="list-style-type: none"> Constructed an Android App to identify objects visible in phone camera based on image recognition using shape finding and color matching algorithms. The app was previously trained with a set of images to give an auditory feedback when recognition is done.
July '13 – Oct '14	Associate Developer, SAP Labs India Ltd. <ul style="list-style-type: none"> Worked with Business Intelligence Team on an android mobile solution for personnel wealth management with analytical insights and trend findings "SPENDWELL". The solution is based on Cordova based client mobile app and SAP HANA cloud based backend Application, held responsibilities for creating the client application on android, Was awarded a Innovation thinking award for designing and implementing a method to auto-categorize financial transaction by creating a most probabilistic categorization model based on user location, transactional detail and google places API. The model would learn the auto-categorized information to categorize other transactions.
Jan '13 - June '13	Intern, SAP Labs India Ltd. <ul style="list-style-type: none"> Worked for the duration of six months on SAP ByD, which is a cloud based SaaS ERP solution. The internship included a core project of framework migration at the backend.
July '12 - Dec '12	Comparison of Different Strategies employed by Web Crawler, IIIT Allahabad <ul style="list-style-type: none"> Constructed a comparison study between different web crawling strategies viz. PageRank, Weighted PageRank, Breadth First Strategy & HITS Algorithm Strategy. The study was conducted using an open source crawler (WIRE) which crawled a subset of .in domain and the measurement metric used was cumulative PageRank.
Jan '12 - May '12	Implementation of Online 3D Terrain Visualization, IIIT Allahabad <ul style="list-style-type: none"> Constructed a Web-based Technology for the 3D Visualization of terrains and providing functionalities such as fly, walk and examine. The DEM(elevation data of terrains) was encoded at the server side in VRML format which was rendered at the client side by a browser plugin.
July '11 - Dec '11	Implementation of IBM Model 3 for Statistical Machine Translation , IIIT Allahabad <ul style="list-style-type: none"> Implemented the theoretical IBM model 3 for Statistical machine translation with a JAVA API which provided the most probabilistic translation of a word in source language to target language, based on conditional probability. The system was trained with English and Hindi corpuses.

AWARDS, RECOGNITIONS & EXTRA CURRICULAR ACTIVITIES

- Have been awarded 5 star rating (Hypo) in SAP. (2014-2015)
- Innovation thinking award for designing an auto-categorization feature for SAP Spendwell. (2014)
- Teamwork Award for SAP Spendwell. (2014)
- Scholar badge awarded for three years in school. (Standards VI,VIII,X)
- Participated in SAP TechEd, attended sessions on "Data Streaming on SAP HANA" and IoT. (2015)
- Participated in SAP BI Hackathon, What the Hack. (2014)
- 2nd position in SAP ByD Volleyball Tournament. (2013)
- 2nd Prize in Battle of Bands, Culrav Festival MNNIT. (2012)
- Have been part of SAP's CSR initiative which included educational sessions for children.
- Other interests include Deep Learning, Coursera, Chess, Sudoku, Basketball, Music, Reading and Science.