

Sagar Sudhakar

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PROFESSIONAL SUMMARY

Computer Science Graduate student with diverse software development industry experience and a flair to raise the bar with every pull request. Versatile & tech savvy professional with leadership experience in both corporate and startup environments. Possess proven analytical skills to engineer simple, yet elegant solutions. Driven by appetite for learning modern technologies, currently seeking **Full Time** opportunities to explore, collaborate, and contribute in my learning continuum.

EDUCATION

Master of Science in Computer Science

Northern Illinois University, DeKalb, Illinois

Aug 2017

GPA: 3.75/4.0

Bachelor of Engineering in Information Science and Engineering

Adichunchanagiri Institute of Technology (AIT-VTU), India

June 2013

GPA: 3.52/4.0

RELEVANT COURSES

Databases | Data Structures | Data Mining | Data Visualization | Discrete Mathematical Structures | UNIX and Shell Programming | Design of Algorithms | Software Engineering | Computer Networks | Formal Languages & Automata Theory | Design Patterns | Operating Systems | File Structures | Operations Research | Software Architecture | Social Media Analytics | Mobile Development with Android | Computer Security Management | Natural Language Processing

TECHNICAL SKILLS

C|C++| Java |C#|MySQL| Cassandra |PostgreSQL| PHP | Git | Android |Angular JS| Jasmine| Node JS| jQuery |Firebase|.NET Spring | Maven| REST APIs |Micro-Services |SOAP|AWS |Docker| R |Django| Linux |Big Data | SonarQube | Python & Pydata Stack (pandas, numpy, scipy, beautiful soup,nltk,scikit-learn)| Kafka |Tableau |Agile & Lean XP| Atlassian Stack with CI/CD

WORK EXPERIENCE

Graduate Research Assistant at Faculty Development and Instructional Design NIU IL USA

January 2016 – August 2017

- Handled university website development & maintenance running on **AWS** with social media analytics to aid board decisions
- Collect, prepare, analyse and visualize data from LMS used by the university to derive actionable insights every month
- Prepare standard data documentation protocols and practices to streamline data being collected across the university

Software Engineering Intern at CDK Global, Hoffman Estates IL USA

June 2016 - August 2016

- Developed reusable components in an AGILE environment for the *Platform* team: supporting other teams in the org
- Extensively used Test Driven Development (TDD & BDD) in **C#/Angular JS/Jasmine** to build, test and ship quality software
- Contributed to ideating and building a winning entry at a companywide global hackathon: Android App for Car Sharing

Data Analyst at Instamojo India (PVT) Ltd., Bangalore, India

May 2015 - August 2015

- Facilitated to set up a structure for risk assessments and effective fraud detection by developing a Risk Index
- Developed classifiers to detect and identify anomalies in transaction database snapshots using automated **python scripts**
- Applied strategy solutions to predict and manage buyer risk associated with products and accounts by monitoring

Business Process Analyst at Amazon Development Centre India (PVT) Ltd, Bangalore, India

April 2014 - May 2015

- Analysed and implemented process improvements to reduce fraudulent activities by investigating customer data
- Contributed to development of internal live account monitoring dashboard to enable and enhance productivity
- Developed an internal issue tracking tool to enable productivity insights by analysing team's issues work logs

PROJECT EXPERIENCE

- Weekend Project - techruitment.com** June 2017 - Present
- Modeling and designing a skill based hiring module which analyses Github/Blogposts/LinkedIn Profiles to enable hiring
- Hackathon: HackIndia – Project Safety Quotient** June 2015 - Present
- Conceptualized a system to track, analyze and predict mishaps on moving vehicles.
- Hackathon: HuskieHack – Project Batman (Crime Scrapper)** September 2015
- Partially implemented a web scrapper to present info graphic about crimes and suggest safety routes
- Hackathon: Wipro Ace Hacker Hackathon – Project Gather** May 2015
- Conceptualized a location based search module for effective task planning and customized marketing
- B.E. Project: “Developing Active Resource Allocation for efficient Parallel Data Processing in Cloud”** May 2013
- Adaptation of an IEEE paper (performed extended evaluations of MapReduce-inspired processing jobs on a cloud system and compared the results to the popular data processing framework Hadoop for task scheduling and execution)
- Seminar Implementation: “Alternate Graphical Password based System for Small Mobile Devices”** December 2012
- Developed and Implemented a lock screen for Android OS based on retention and recall techniques

HONORS AND AWARDS

Professional

- Won the CDK Global World Hackathon 2016 for Project WooshCar : Car Sharing model implementing Geo-Fencing
- Earned “Ubharta Sitara” award for being the best new recruit at Amazon
- Secured “Quality Pundit” award for maintaining 100% QA score at Amazon
- Nominated as the HR Ambassador for Amazon Local Register Team

Leadership

- Who’s Who among Students in American Universities Leadership award
- Captained school and college basketball teams at State and National Level
- Headed the Code Club at student chapter of Computer Society of India

Academic

- Certified DB2 academic associate under IBM
- Presented papers on *Network Security* and *Artificial Neural Networks* at National Level

Extra-Curricular

- Won the personality event and the title of “Mr. Udbhav: People’s choice” at VTU FEST 2013
- Participated and won various Quizzes and Debates at State and National level

VOLUNTEER EXPERIENCE

- Blogger at **Humans For AI** (www.humansforai.com) May 2017
- Assisted in managing a hackathon as a Tech Ranger at **HuskieHack 2017** September 2016
- Actively participated in the **Teach for India** campaign October 2013
- Member of **WildCat-C**, a NGO which aims at Wildlife conservation July 2010

AFFILIATIONS

- Honor Member at **Phi Beta Delta Honor Society for International Scholars** January 2016
- President at **Indian Students Association**, NIU, DeKalb August 2015
- Web Master Team at **TEDxNIU**, DeKalb September 2015
- Recognized Remote Mentor at **Amazon Mentorship Program** May 2014
- Head Chef (Code club) at **Computer Society of India**, AIT Student Chapter January 2011
- Institute of Electrical and Electronics Engineers(IEEE)** and **Society of Automotive Engineers(SAE)** September 2010