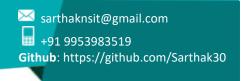
SARTHAK DESHWAL



WEB DEVELOPMENT | MACHINE LEARNING | MOBILE APPLICATION DEVELOPMENT

Executive Profile

- An ambitious & hardworking individual with over 1 year of experience as Associate Development Engineer with Expedia Group
- Currently managing flights line of business as a part of Mobile Team
- Exposure of working on Web Architecture
- Recognized as a **Speaker in PYCON APAC 2018** to deliver a talk on "How to Understand User-behaviour Using Multiple Linear Regression"
- Skilled in Agile methodologies including Scrum with proficiency in working with project teams and maintaining high-quality deliverables within time & budgetary parameters
- Expertise in programming languages encompassing Kotlin, Python, JavaScript, HTML, CSS, PHP, MySQL and C / C++
- Pleasing youthful personality with a zest for life, knowledge and sound understanding of technology

Education & Credentials

 B.E. (Information Technology) from Netaji Subhas Institute of Technology, Delhi in 2017



XOR Based Key Exchange Protocol (Data Security) in IJEECS 2017, Delhi, India

Entrepreneurial Experience

Sep'15 - Dec'16: Study'N'Teach, Delhi, India as Founder & Developer

Highlights:

- Managed & developed entire Online Education Product right from scratch
- Ensured website had over 3000 registered users & over 50 daily active users within 2 months

Key Impact Areas

Machine Learning Back-end APIs Programming & Coding Data Structures & Algorithms Data Analysis Team Management Software Design & Development



Analytical Communicator Innovator



Other Assignment

Delivered a talk on How to Understand User-behaviour Using Multiple Linear Regression? as a Speaker in PYCON APAC 2018, Singapore

Organizational Experience

Since Jul'17: Expedia Group, Gurgaon, Haryana, India as Associate Development Engineer

Role:

- Working as a part of Mobile Team and managing flights line of business
- Developing Machine Learning features; contributing actively in android ecosystem
- Administering API(s) used to cater mobile needs (back-end for front-end)
- Mapping requirements and providing customized software solutions involving finalization of product specifications and selection of appropriate techniques
- Managing various technical aspects like software design, coding of modules, monitoring critical paths & taking appropriate actions
- Attending regular team meetings to share project status, giving ideas and resolving issues

Acknowledged with Gold Star Award for outstanding performance in 2018

Summer Internship

Jun'16 - Jul'17: Samsung R&D Institute, Bangalore as Software Engineering Intern

Role:

- Generated & analyzed test cases on Tizen Platform using ML
- Mapped SART & TAF from scratch by writing Python Library
- Compared two images by developing a Tizen Application
- Developed the code and the same was reviewed & pushed to production



- Analysis of Advertisement on Twitter
- Gallery like Application for Desktop
- Content Extractor from GeeksForGeeks
- Application to Check Plagiarism in Text
- Chrome Extension to Check Web-Page Performance



- Artificial Intelligence
- Operating Systems
- Compilers

- Software Engineering
- Computer Graphics
- Android Development
- Django Web Development
- Machine Learning



Programming Languages: Kotlin, Python, JavaScript, HTML, CSS, PHP, MySQL and C / C++



Academic Achievements

- Obtained 232/96878 All India Rank in Graduate Aptitude Test in Engineering in 2017
- Conferred with:
 - o **Best Student Award** from Little Flowers Senior Secondary School in 2013
 - Child Scientist Award from National Children Science Congress in 2011
 - Best Student Award from Little Flowers Senior Secondary School in 2011

* Extracurricular Activities

- Partook in:
 - PARIKSHA held in Delhi, India
 - Finished complete examination process automatized right from candidate recognition to result creation
 - Created the same at Hackathon organized at Rashtrapati Bhavan
 - Indian Government Portal held in Delhi, India
 - Developed a common template system for Government websites for clean look & quick deployment
 - Rendered out-of-box crowd-sourcing support for regional languages

Personal Details

30th March 1995 Date of Birth: **Languages Known: English and Hindi**

LinkedIn: https://www.linkedin.com/in/sarthakdeshwal/ Quora: https://www.quora.com/profile/Sarthak-Deshwal

Portfolio Link: http://sarthak30.github.io/