



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



Paper Publication

- 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



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

Highlight:

- Acknowledged with Gold Star Award for outstanding performance in 2018



Key Impact Areas

Machine Learning

Back-end APIs

Programming & Coding

Data Structures & Algorithms

Data Analysis

Team Management

Software Design & Development



Soft Skills

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



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



Projects

- 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



Knowledge Purview

- Artificial Intelligence
- Operating Systems
- Compilers
- Software Engineering
- Computer Graphics
- Android Development
- Django Web Development
- Machine Learning



IT Skills

- 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:
 - 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

Date of Birth: 30th March 1995
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/>