

Arnav Jain

Masters of Data Science
Monash University

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Personal Summary

Arnav is a Master's of Data Science student at Monash University and a B.Tech Information Technology graduate from Manipal Institute of Technology, Karnataka. With professional experience in Web Development, Android Application Development and Java Backend Development, Arnav is proficient in working with HTML5, CSS3, JavaScript, Django, Angular, ReactJS, d3.js, Highcharts, Java, Android Studios and AWS.

Garnering work experience from the corporate firms of all sizes, Arnav is a motivated individual driven by the fascination of technology and the urge to make a difference in the technology world. He is also a natural leader, having lead teams of various sizes and across various time zones.

In his free time, Arnav likes to travel, play football and play tunes on his guitar.

Education

2019-20	Monash University, Melbourne Masters of Data Science
2013-17	Manipal Institute of Technology, Manipal Bachelor of Technology, Information Technology

Work Experience

May'19 - Present	Django Developer - Dental Ed Global, Melbourne <ul style="list-style-type: none">Working on developing and deploying Dental Ed's CRM system - LeadCron.Worked on developing and deploying the MiPractice iOS application (web view).Worked on implementing the caching layer for the MiPractice website. The project was able to cut the computation speed of the analytical functions to 20% of the time they initially took.
Aug'17 - Feb'19	Analyst - BlackRock Services, Gurgaon <ul style="list-style-type: none">Lead the Product Pages API development work. Wrote Restful APIs to return Product data to front-end applications.Served as a key point of contact in the global BlackRock Product Pages team. Blackrock Product Pages are the most hit and highly critical web pages which display all the information an investor might need about the suite of products (Mutual Funds and ETFs) Blackrock manages.Worked on re-writing all components of BlackRock iRetire Decum tool in Angular 2 to make the components customizable and reusable.Worked on introducing iPad responsive designs to the existing iRetire project written in Angular 2.Worked on migrating the iRetire (with all its variants for various different clients) codebase from CSS to Stylus for better readability and leveraging the various benefits of Stylus like Mixins etc.
Jan'17 - Jul'17	Grad Analyst Intern - BlackRock Services, Gurgaon <ul style="list-style-type: none">Worked on in-housing a fund performance tool - Alts-Iq. Full stack development using front-end technologies like d3.js, jQuery, js, HTML5/CSS3 and back-end technologies like Spring, Rest APIs and Apache POI.Worked on an internal product screener website for BlackRock which was made using technologies handlebar.js, bootstrap, DataTables, jQuery autocomplete, etc.
Jun'16 - Jul'16	Android Development Intern - Bharti Airtel, Gurgaon <ul style="list-style-type: none">Was the single point of contact between Huawei and Airtel for Live TV and Catch up TV SDK integration with Airtel DTH Companion app (Airtel Play).Worked on Airtel App Store and was responsible for API integration and implementation from scratch. Was also responsible for UI design and unit testing of the application.Worked on UI changes and all issues raised for DTH Companion and Travel Tracker app.Was responsible for unit testing the Travel Tracker application and fixing minor bugs for a better user experience.

Dec'15 - Jan'15

Android Development Intern - InLogg Pvt Ltd, Bangalore

- Worked on the production application and implemented location capture functionalities.
- Was also responsible for designing and adding functionalities to new screens for the application to mediate between the delivery boy and the manager and providing a mobile solution for logistics.
- Implemented barcode check as soon as a barcode was scanned using a TextWatcher.
- Was relied upon for unit-testing the code for robustness, including edge cases, usability and general reliability.

Jun'15 - Jul'15

Android Development Intern - Qwiksilver Pvt Ltd, Bangalore

- Worked on the base library for the NFC Application built with www.woohoo.in and implemented NFC functionalities.
- Built a prototype app to test the built functionalities using the library on an Android device for tap and pay usability.

Technical Skills

Languages

Java, Python, C++, C

Web Development

HTML5, CSS3, JavaScript, Typescript, Angular JS, ReactJS, Django, Laravel, jQuery, D3.js, Stylus

Operating Systems

Android, Linux, Windows

Cloud Platforms

AWS, Google Cloud Platform

Projects

- Fantasy Premier League Helper to help predict and optimize the ideal team FPL team using Machine Learning.
- Robotics Process Automation tool to record and automate repetitive human tasks.
- Chat bot to understand user queries using NLP and fetch data using cosine similarity.
- Movie Suggestion Application for Windows using C# and Machine Learning.
- TapToListen, an Android App which transcribes speech to text in Hindi.
- Privacy Preserving Data Mining using Python, Apriori algorithm and MD5.
- BlackRock Dreamer Android App to track user's retirement goals and suggest investment options.
- Premier League Android App which uses an open API to list all real time fixtures and scores.
- Restaurant Application using Servlet, JDBC and Spring-MVC Framework.
- Distraction free text editor website within 24 hours for Angel Hack.
- Fuel it up, a web-based quiz game as part of BlackRock Hackathon.
- Mood Lamp using 8051 microprocessor and hardware.

Publications and Certifications

- Machine Learning by Stanford University on Coursera.
- Introduction to Data Science in Python by University of Michigan on Coursera.
- R Programming by Johns Hopkins University on Coursera.
- Co-authored a paper on Security in NFC, published in IJTRE Volume 3, Issue 2, October 2015, ISSN(Online): 2347-4718

Extra-curriculars

- Playing the Victorian State League Soccer with Monash Gryphons.
- Participated in Paper Presentation during TechTatva'15, MIT, Manipal Technical Fest.
- Secured first place in Revels '15 Men's Football Tournament as a part of the college team.
- Part of College Football team for 3 consecutive years.
- Human Resource organizer for TechTatva '14.
- Workshops organizer for Revels'15, MIT Manipal Cultural Fest.