Arka Nayan

Formerly Arkanayan Shit

about

101A Patpur
Bankura
West Bengal

📞 9563777896
✉ itsarkanayan@gmail.com
🌐 http://arkanayan.me
github.com/Arkanayan

languages

English
Bengali
Hindi

programming

Java
Android
Python, C, C++
CSS3 & HTML5
Javascript
(angular2, jQuery)
Git

interests

web development, android development, machine learning

education

2013-2017	**B.Tech** in Computer Science & Engineering Bankura Unnayani Institute of Engineering	MAKAUT/WBUT *Avg marks:* **74.36**	
2013	**Higher Secondary** in Science Bankura Christian Collegiate School	West Bengal Board of Higher Secondary Education *Marks:* **70.6%**	
2010	**Secondary Examination** Bankura Christian Collegiate School	West Bengal Board of Secondary Education *Marks:* **78.5%**	

experience

July - Aug 16   **IIT, Kharagpur**   Summer Training

- Implemented Bloom's taxonomy question categorization in Javascript.
- Handwriting data collection for Dyslexia and Dysgraphia.

skills

- Java, Android, Python, Javascript, SQL, HTML5, CSS3 (Sass)

- Exposure to C, C++, PHP, Matlab, C#

- Frameworks/Libraries: Flask, jQuery, Angular 2, NodeJs, Express, RxJava, Retrofit, Webpack

- Version Control, specifically Git and Github

- Databases: MySql, PostgreSQL, NoSQL

- Proficient in Linux

- Softwares

  Jetbrains IDEs(IntelliJIdea, Pycharm), Android Studio, MS Office

Final Year Project

- Regression analysis using Machine Learning

Personal Projects   /Arkanayan

– **Backend Server to send notices**   /Arkanayan/BuieConnect-Web
   - Communicates with android app via REST apis
   - Authentication and authorization via REST apis
   - Uses OAuth 2.0 protocol for registration & authentication
   - Sends push notifications using Firebase Cloud Messaging
   Framework: Flask (Python 3.5)

– **Companion android app to receive notices**   /Arkanayan/BuieConnect-Android
   - Uses Google Sign-In to authenticate
   - Receives notices and shows them
   Libraries used: Retrofit, Firebase

– **Medicine shopping app (Android)**   /Arkanayan/Pharmacy-Android
   - Authenticates users via OTP
   - Takes orders by taking image of prescription
   - Material design
   - Realtime updates
   - Service used: Firebase
   Libraries used: Retrofit, RxJava, OKHttp

– **Web app for order administration**   /Arkanayan/Pharmacy-Web
   - Single Page Application using Angular 2
   - Material design
   - Role based authorization system
   - Push notifications using FCM
   - Realtime updates
   Libraries used: RxJs, Firebase, OKHttp
   Build System: Webpack