ASHUTOSH KUMAR

MCA (6th Semester) Department of Computer Science Banaras Hindu University Varanasi, Uttar Pradesh

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Education Details: -

Qualification	University/Board	Marks	Passing Year
Master of Computer Application	Banaras Hindu University, Varanasi	8.42 CGPA (till first year)	Pursuing
Bachelor of Computer Application	Patna University, Patna, Bihar	81.4 %	2017
12th	A.N. College, Patna, Bihar	73.2 %	2014
10th	Keshav Saraswati Vidya Mandir, Patna	10 CGPA	2012

Skills: -

- Programming languages: Java, C, Python
- Android Application development
- Data manipulation: MySQL, Oracle, SQLite
- Web Development: HTML, CSS, JavaScript, PHP
- Also good in DBMS and Operating System

Workshops and Courses: -

- Attended **'Android App Development Workshop'** at IIT (BHU) conducted by **'Kyrion Technologies Pvt. Ltd.'** on *12th and 13th January 2019*
  Learnt to develop android applications using various small hands-on projects. I developed a music player application with basic features.

- Completed a 27 hours long online video course on Udemy **'Learn Android Application Development'**. Certificate URL: ude.my /UC-1D57EQVE/
  Learnt android application development in more detail like saving data locally on the phone, connecting the android app to a remote database server, fragments etc.

- Completed a short-term course on **'Small Scale System Development (For Web, Android and IoT Systems)** at IIT, Kanpur from *21.5.2019 to 15.6.2019*
  This workshop was focussed on creating an IoT device/ system and controlling the device using Android phone or using a PC. Learnt fundamental concepts of IoT, sensors, connecting sensors with Arduino.

Project Works: -

1. **Timestamped information of smart phones** *(Duration:8.8.2019 to 16.12.2019)*
   Developing an android app for creating a dataset of system information of an Android phone and analyse the dataset to determine an optimal computational node to execute offloaded tasks.
   Technology stack: JDK 8, Android SDK 23, SQLite

2. **Field Inspection of Power Sub-Station:** *(Duration: 20.5.2019 to till date)*
   Developing an android app to capture data (parameter values validated with timestamped and geo-tagged images) from field inspectors and a web application to visualize the aggregated data to the admin.
   Technology stack: JDK 8, Android SDK 23, Volley framework SQLite, MySQL, HTML, CSS, JavaScript, php.

3. **Dashboard for National Account Statement** for Ministry of Statistics and Programme Implementation, Govt. of India at Smart India Hackathon-2019 on 2nd and 3rd March 2019
   Technology stack: HTML, CSS, JavaScript, php, Bootstrap, jQuery, MySQL, jsCharts

4. Curriculum project on **'Quiz System'** (*Duration: 26.12.18 to 20.1.2019*)
   User can play time-restricted quiz and get the final score at the end. User can also add/modify/delete questions.
   Technology stack: JDK 8 and MySQL

5. Curriculum project on **'Stock Maintenance System'** *(Duration: 25.12.18 to 16.2.2019)*
   Stock availability of all the items are updated after each transaction. User is notified, when the available stock of an item falls below its threshold.
   Technology stack: HTML, CSS, JavaScript, Bootstrap, php, MySQL

Extra-curricular activities: -

- Student representative of Training and Placement cell, Department of Computer Science, Banaras Hindu University.
- Event co-ordinator of annual tech fest 'Sanganan' of Department of Computer Science, BHU, for two consecutive years 2018 and 2019.
- Convenor of the 'Communication study group' from 10.2.2018 to till date.
- Took part in 'Swachh Bharat Abhiyan' (cleanliness drive) held in the department on 2nd October 2018
- Started a blog for Department of Computer Science, digital magazine 'Sanganan'