KUMAR SANYAM

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Enrolment Number : IIT2013121

GitHub   : https://github.com/Devastrix

Career Objective

Seek challenging opportunities in the Information Technology industry to enhance my skills and gain knowledge and experience by working exuberantly towards my goal.

Education

2013 - Present	**B.Tech in Information Technology** Indian Institute of Information Technology, Allahabad	**8.65**
2013	**Senior Secondary Examination - Class XII** D.A.V. Public School, B.S.E.B., Patna C.B.S.E.	**95.2%**
2011	**Higher Secondary Examination - Class X** St. Karen's High School, Patna I.C.S.E.	**92%**

Projects

- **Citation Network Analysis using Hadoop**
  Analysis of a citation network of research papers, collected from **Microsoft Academic Research** for the **past 50 years,** clustered **in 24 computer science communities**. Different metrics were calculated to show interesting analysis over this network. Use of Hadoop facilitated faster and optimized analysis of the data which approximately was around **100Gb in size.**
  GitHub link: https://github.com/Hadoop-Cafe/mcad-citation-network

- **Product Classification using Tree based approaches**

  Classification of over 1 lac products into their specified classes using tree based **machine learning** approaches. Finally implemented **Random Forest**   algorithm on the given data set and tried to improve the accuracy of the algorithm. Done in a team of 5 members as a part of semester project.

- Developed the app for "**Effervescence 2015**" which uses the latest **Material Design** as guide lined by Google. Besides, I've also been part of the development team for "**Effervescence'14**" app and team leader for "**Aparoksha'16**" app (the annual tech fest of IIIT).
  Effervescence'15 link :
  https://play.google.com/store/apps/details?id=effe.devastrix.com.effervescencemmxv&hl=en
  Effervescence'14 link: https://play.google.com/store/apps/details?id=iiita.effervescencemmxiv&hl=en
  Aparoksha'16 link: https://play.google.com/store/apps/details?id=com.app.aparoksha.apro16&hl=en

- **Puzzle game mobile application**
  It is a 3X3 puzzle game **android app**.
  Role: Designed the UI of the game and created the database for scores using **SQLite.**
  GitHub link : https://github.com/Devastrix/Puzzlate

- **Mobile Voting System**
  An android app to facilitate mobile voting which uses a candidate's Aadhaar card no. to login and vote within their constituency. The app uses **Volley** library for networking and **SQLite** as the backend.

- Built the website for "**UPCON 2015**" with one of my batch mate. This website is built using the **Bootstrap Framework**. It is a static website developed using **HTML, CSS, JavaScript and jQuery**. Website link : www.upcon15.iiita.ac.in
- **Multi-Client Chat Application** using **Java Socket programming**
  Register and login option is provided for user. Multi users can join the chat room. It also notifies when a user joins or leaves the chat room. Done as a part of Computer Networks mini project.

Work Experience

- Currently working as a freelance android developer to build an app for the website **etrain.info** (LINK). The work comprises of developing the whole app from scratch and adding new features like regular PNR updates, station alarms and push notifications.

Skill Set and Interests

- Proficient in **Android App Development.** Have made apps using different libraries**, for example – Picasso, Volley, Firebase, FFMPEG etc.** and which involve interaction with RESTful APIs and JSON parsing.

- Frameworks**: Hadoop 2.7.1 , Bootstrap CSS Framework.**

- Programming languages: **C, C++ and Java**.

- Web Technologies: **Php, Html, Css, JavaScript, NodeJs and REST APIs**.

- Database Languages: **MySQL**

- **Tools : Hbase, Git, Linux command line**

- I have interest **Application Development primarily Mobile apps and Web apps.**

Accomplishments

- Bagged the **second position in website development competition** conducted by IEEE in my college with my batch mate as a team.

- Organizing team member of **Hack-in-the-North**, one of the largest student-led Hackathon in India.

- Organizer at **Google Developer's Group**, Allahabad.

- **Ex-Coordinator of our college's Music Society**.

- **Head of App development** in Aparoksha'16, the technical fest of IIIT-A.

- Won first prize in **Backbone (**the back-end contest) in Aparoksha'15, IIIT-A.

Personal Details

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• **Date of birth :** 5th April, 1995 • **Alternate Number:** +91-8987185626 • **Nationality :** Indian	• **Permanent Address:** Flat no.- 208, Unnati Griham, near Hi-Q Restaurant, New Yarpur, Gardanibah, Patna-1, Bihar • **Current Address:** Room no- 1043, BH-4, IIIT-A, Jhalwa, Deoghat, Allahabad, UP-211012