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Examination	University	Institute	Year	CPI/%
Graduation	NIT Raipur	NIT Raipur	2017	8.64
Intermediate/ +2	CBSE	Sri Sankara Vidyalaya	2013	88.8
Matriculation	CBSE	Holy Cross Sr. Sec. School, Raipur	2011	9.00

INTERESTS

- Data Structures, Software Development, Image Processing, Machine Learning, Artificial Intelligence

TECHNICAL SKILLS

- Programming Languages:** Python, C++, JavaScript, Java
- Technology Stack:** Django, Angular, MEAN Stack, Android, JQuery
- Database Management System:** PostGres, MySQL, Oracle DB, Mongo DB
- Operating Systems:** MacOS, Windows, Linux

WORK EXPERIENCE

- Software Engineer at Soroco India Pvt Ltd** (July 2018 – Present)
Working as an Product Engineer with Soroco to develop real time automation system for automating E2E client systems. Built a product using PYQT to help in requirement gathering and improve requirement gathering turnaround time by 1.5X. Built an automation system which included to read data from email and entering the data into an expense tracker. Responsible for writing business logic, Test Cases, writing API for dashboard to monitor Automation metrics and Fault Tolerance. Designed and built a library on top of Angular to easily build UI forms along with validations with help of JSON. This library saved 50% in delivering client dashboard.
- Software Engineer at UnitedHealth Group** (July 2017 – July 2018)
Worked with OptumRx Mobile division as a software engineer. Responsible for developing industry standard code which is efficient and secure for OptumRx Hybrid Mobile Application. Helped improve performance of the application which directly affected appstore rating. Also, worked on virtualization of services for OptumRx and integrated Unit test framework for OptumRx Mobile Development Environment. Awarded a Bravo recognition for exceptional work in Proof of concept.

INTERNSHIP

- Intern At UnitedHealth Group** (Summer 2016)
Worked with PowerShell scripting to develop a software which automates the process the process of Microsoft Word and Microsoft PowerPoint to convert a Document into a video. Also utilized HTML & JavaScript to include the functionality of navigating through the software.
- Android Developer at Proximity Sports** (Aug'15 – March'16)
Worked as an Android Developer to develop an Android application for Upcoming Startup Proximity Sports. Implemented features such as Google Material Design, Google Login, Facebook Login and Google Maps. Also worked with REST API's. Responsible for complete application including Documentation.
- Intern At Blue Banyan Pvt Ltd** (Summer 2015)
Worked as an Android Developer to develop an E-Commerce android application. Implemented new features such as Google Material Design, Recycler View, Tab Layout. Responsible for building the product filter and UI/UX of the application. Also worked on developing an android application to create groups, categorize them and send text message to contacts present in the group.

PROJECTS UNDERTAKEN

- Classification of Alzheimer's Disease by Structural MRI Scans using Neural Networks** (Autumn 2016)
Structural MRI Scans of Alzheimer Patient and Normal Humans were classified by first applying Digital Image Processing techniques and then using neural network to train and test the image dataset. Convolution Neural

Network and Spiking Neural Network were used for the classification and an accuracy of 97.43% & 94.67% was achieved respectively.

- **Identification of MND Features in EEG Dataset by using Visualization Techniques** (Spring 2016)
Most Non Dominant features present in EEG Dataset were classified in EEG Datasets by visualization techniques using R and Python. Responsible for Pre-processing the data and creating smaller chunks of Dataset. Also responsible for plotting Radar charts and Identifying the MND features. By removing MND features, Improved the accuracy of K-Star classification by 3%
- **Virtual Tour of NIT Raipur** (Autumn 2015)
Developed a Virtual tour of NIT Raipur using d3.js (JavaScript Library) , HTML & CSS. It won first prize in 'Vigyaan', The national level science competition.
- **KBC Quiz Web Application** (Autumn 2015)
Worked on a Quizzing Web application. Project involved developing an interface for quiz based on KBC Format using HTML, CSS and JavaScript. It was utilized for an event called National Business Quiz.
- **Entrepreneurship Cell Android Application** (Autumn 2014)
Built an android application for Entrepreneurship Cell of NIT Raipur. Project involved JSON Parsing to pass data from server to android.

ACHIEVEMENTS

- Awarded Bravo Award in UHG for exceptional contribution in team.
- Ranked 42st in ACM ICPC'17 Kolkata Regionals
- Ranked 51st in ACM ICPC'16 Kolkata Regionals
- Ranked 64th in ACM ICPC'17 Chennai Regionals
- Published a Research Paper on topic "Virtual Tour using Hashing" in Springer Conference.
- Ranked 1st in "Vigyaan", National level science exhibition held in NIT Raipur for developing Virtual Tour of NIT Raipur
- Ranked 42nd in Aspirations-2020 Finals, A National level coding competition organized by Infosys out of 120 teams
- Ranked 99th in CodeGround Mega Coding Event, A Coding competition organized by Codeground out of 1984 participants

POSITIONS OF RESPONSIBILITY

- Student Convener in Training and Placement Cell NIT Raipur(2016-2017)
- Overall Coordinator at "CodeUtsava 1.0" Chhattisgarh's first Hackathon (2017)
- Head at Entrepreneurship Cell NIT Raipur (2016-2017)
- Organizer at Aavartan- Techno Management Fest of NIT Raipur (2013-2015)
- Founding Member of Codechef Campus Chapter