

## SOUMYA TIWARI

### OBJECTIVE

To work in a challenging environment which encourages me to explore my skills and knowledge and to adapt myself in different fields which offer continuous learning.

### EDUCATION

Year	Degree	Institute/School	% / CGPA	Academic Achievements
2017	B.Tech. (C.S.E.)	N.I.T. Raipur	9.16	Rank under top 10 in Department
2013	CBSE	Krishna Public School, Raipur	91%	School Topper
2011	CBSE	Krishna Public School, Raipur	10.00	School Topper

### EXPERIENCE

#### YEAR

#### BELZABAR SOFTWARE-SOFTWARE INTERN

2016

- Worked on an email enhancement tool “HYPER-EMAIL”. This tool provide-Email delegation services, Email Organization, Anti-Spam, Reports.
- I worked on Email-Delegation service and basically dealt with database and Hyper-Email web server.
- Apache James is used as proxy server between the mail server and Hyper-Email web server.
- Technologies used-JAVA (SPRING FRAMEWORK), MyBatis, SonarQube, AngularJS2, Karma, Jasmine, PSQL, Apache James.

#### IITDM CHENNAI-RESEARCH INTERN

2015

- Successfully completed research internship under Prof.Dr.Noor Mahammad.
- Worked on Networking and System Design.
- Project was to perform IPLOOKUP in router using HYBRID TRIE.
- This algorithm was implemented using Hybrid Trie as Data Structure in C++/ CUDA.

### PROJECTS

<b>SCHEDULING SIMULATOR</b>	<ul style="list-style-type: none"><li>▪ Developed an ONLINE SCHEDULING SIMULATOR for “REAL AND NON REAL TIME TASKS” as MINOR PROJECT.</li><li>▪ The simulator simulates real and no real algorithm on the given data set by users.</li><li>▪ RTT Algorithms include-EDF, LST, RM, DM for single and multiprocessor and NRTT include-FCFS, SJ, RR, SRTF.</li><li>▪ Technologies used-C++, PHP, HTML, CSS.</li></ul>
<b>LAB MANAGEMENT THROUGH IOT</b>	<ul style="list-style-type: none"><li>▪ Developed a Lab management project through IOT. The project is used to gather information regarding the lab status and thus to enable an energy efficient lab where the systems can be shut down if no user is detected.</li><li>▪ Technologies used-Arduino Uno Board, PIR sensors ,PHP, Materialize CSS, Google charts,MySQL</li></ul>
<b>NOTICE MANAGEMENT SYSTEM</b>	<ul style="list-style-type: none"><li>▪ Developed notice management system for College. The system allows student to register themselves for notices and teachers are allowed to post notices on the system and the notice is sent to each individual registered student through Email.</li><li>▪ Technology Used-PSQL, JAVA, JSP, HTML, Materialize CSS</li></ul>
<b>ONLINE QUE.PAPER</b>	<ul style="list-style-type: none"><li>▪ .Developed an online question paper generating based on the questions and answers given by the user.</li><li>▪ Currently for MCQS and will be enhanced for all subjective questions also.</li><li>▪ Technologies used-PSQL, JAVA, JSP, HTML</li></ul>

### TECHNICAL SKILLS

- C,C++,JAVA,SPRING FRAMEWORK(BASICS),PHP,HTML,CSS,Materialize CSS,REST API,JSON,MYSQL,PSQL,MYBATIS,UNIX OS,SHELL SCRIPTING

### ACHIEVEMENT AND ACTIVITIES

- Participated in various Coding and Competitive programming events.
- Served as member of E-CELL.
- Hobbies-Travelling, Solving Aptitude questions, Reading, Solving algorithmic questions.