SAURAV RAJ

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EDUCATION

National Institute of Technology, Patna   *July 2016 - July 2020*
B.Tech in Information Technology
CGPA : 7.35

CHILDREN ACADEMY, Bhabhua   *May 2015*
XII (CBSE), SCIENCE   Percentage: 89.60

PARADISE CHILDREN ACADEMY, Kudra   *May 2013*
X (CBSE)   CGPA : 9.80

WORK EXPERIENCE

Amazon Development Centre PVT. LTD, Hyderabad, India   May 2019 - July 2019
Software Development Engineer Intern

· Worked on the project "Converge - Common Invoice Pipeline" under the guidance of SDE Maneesha Nidhi and SDM Bankey Sharma. Goal for the internship was migrating the Elastic Search from Coral ES to AWS ES.Following tasks are completed by me during the Internship.

- Adaption of Retail Invoice into Converge Invoice.

- Addition of Java JestCliet to access Converge Enhanced Search.

- Index the Converge Invoices to Converge Enhanced Search.

- Adaption of search response.

Cleartax (India) PVT. LTD, Bangalore, India   Jan 2020 - July 2020
Software Development Engineer Intern

· Working with ITR team in backend domain. I was responsible to make ITR-1 live in very first week of its release from government side. Changed some of their existing feature, resolved bugs on their ITR website and added some new features on their website as mentioned below.

- Worked on ITR utility integration.

- Updated new features in product according to government schema.

- Developed an API for form16 parsing for Payroll clients.

- Fixed lots of bugs and formatting errors during ITR filing.

- Enabled features of ClearTax's desktop app for FY2019.

- Fixed customer related bugs in desktop app.

Cleartax (India) PVT. LTD, Bangalore, India   July 2020 - December 2020
Software Development Engineer

- Designed and implemented integration for Form15CA/CB. Implemented a worker to parse excel with bunch of user's data and generate corresponding XML for each user's data in Form15CA schema's format.

- Designed and implemented new features according to government's schema for ITR2, ITR3, ITR5 and ITR6.

- Improved parsing of Capital Gain's excel to import user's data from excel to DB.

- Fixed lots of customer facing bugs and formatting errors during tax filing session.

PROJECTS

Text Summarization using Query Expansion (Data Mining)
https://github.com/sauravraj62/Text-Summarisation

- Project was to develop an automatic text summarization system using KNN and correlation scores based on original query.

- It extract over top 15 pages from google, stores the overall document in a single Corpus, and then Score the Words with respect to its Frequency and its Relation with other words and Query Words as well.

- Scoring with respect to other words and query words are done with KNN algorithm.And the sentenceswith high scored words are put in summary first.

Train Way (Android)
https://github.com/sauravraj62/Train-Way

- It was a self learning-individual project. Developed an android app for Railway Enquiry.

- User can check PNR Status,Train Between Two Stations,Fare of all Classes between two stations,Trains at a station and more features.

TECHNICAL STRENGTHS

Basic :	Java, Python, Android, ASP.NET Core, MVC
Experienced :	C, C++, C#, Data Structure, Algorithms, MySQL, JavaScript, jQuery, Ajax, electron.js
Familiar :	GitHub, FireBase, Postman
CS Courses :	Operating System, Database Management System

ACADEMIC ACHIEVEMENTS

2017 :	Secured 1st Rank in Open Government Data Hackathon, Organised by NIC at IIT Patna.
2018 :	Secured 1st Rank in Algo-Z-Ripper, an annual algorithmic based contest organised by NIT Patna.
2018 :	Secured 1st Rank in NIT Patna and 500th Global rank among 28000 teams in SNACKDOWN 2018
2018 :	Selected as finalist in Smart India Hackathon.
2018 :	Secured 3rd Rank in Entreprenia, an entrepreneurship based annual contest at NIT Patna.
2018 :	Selected as Finalist for Empresario, an entrepreneurship based annual contest at IIT KGP.
2018 :	Secured 83rd rank in Online International Math Olympiad(IMO)
2019 :	Secured 1st Rank in Algo-Z-Ripper, an annual algorithmic based contest organised by NIT Patna.
2019 :	CodeChef (roll_1607070) : Highest Rating : 1950 (Division 1)
2019 :	HackerRank (sauravraj62) : Won 1 Silver and 2 Bronze in Competitive Coding Contests.
2019 :	CodeForces (sauravraj62) : Rated as Specialist.
2019 :	Secured 39th rank among 96 teams in **ACM-ICPC IIT Kharagpur regional.**
2019 :	Qualified for **ACM-ICPC Amritapuri regional.**