KRISHNA KUMAR DEY

Software Developer

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EXPERIENCE

Google Summer of Code Student
Chapel Language, Cray Inc.
📅 May 2019 – Present

- Designed and implemented a **UnitTest Framework** for Chapel Language.
- Implemented multiple assertion types; supports handling of numLocales.

Software Development Intern
Merkle Foundry
📅 July 2018 – Dec 2018

- Responsible for brainstorming, developing, testing, delivering, iterating products and regularly communicating with the team.
- Worked on several software Development Projects.

Full Stack Development Intern
Crimson Insights
📅 April 2018 – June 2018

- Worked on Python development (Full Stack)and MongoDB.
- Buillt modules for existing Django Apps.

Placement & Internship Coordinator
IIIT Sri City
📅 Jan 2019 – Present   📍 Sri City, India

- Act as a liaison between the industries and college for enhancing corporate relations.
- Determine all required placement requirements and assist all apprentice participants to exchange all information appropriately.

Teaching Assistant
IIIT Sri City
📅 August 2018 – May 2019   📍 Sri City, India

- **Programming in C**: Assist the professor in teaching C Language to UG1 students
- **Data Structures & Algorithms**: Assist the professor in teaching the students of UG1 for Data Structure and Algorithm course.

ACHIEVEMENTS

- 27th Place, ACM ICPC Chennai Regionals
- 48th Place, ACM ICPC Gwalior Regionals

EDUCATION

Bachelor of Technology, CSE
IIIT Sri City
📅 Aug 2016 – May 2020

TECHNICAL SKILLS

Programming
C, C++, Chapel, Java, Python, Scala

Software
Django, Falcon, GeoPandas, Git, Microservices

Databases
HBASE, MongoDB, MySQL, PostgreSQL

Web-Developement
Bash, CSS, HTML, JavaScript, Linux, PHP

Others
Algorithms, Data Structures, Information Retrieval

SOFT SKILLS

Leadership, Ability to Work Under Pressure, Decision Making, Time Management, Adaptability, Teamwork, Creativity

PROJECTS

Visualization & Handling of GeoSpatial Pollution Data
- Handling of TB's of Data using Big Data technologies.
- SpatioTemporal Interpolation, Visualization of Data are the key features.

Archile
- Archile is a platform where fellow students can share resources, study materials etc with other students
- Discussion Forum, channel based topics, content upload & download, report posts and channel are some the major features.

EXTRACURRICULAR WORKS

Founder & President
Gradient (Programming Club) IIIT Sri City

ChairPerson
TechFesia 2K18 (Techfest IIIT Sri City)

Technical Trainer
Talentio Solutions India Private Limited