Raj Anand

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Education

National Institute of Technology Patna   Jun. 2023
B.Tech in Computer Science and Engineering   *CGPA: 8.6/10*
Academics: Data Structure and Algorithms, Object Oriented Programming, Database Management System
          SQL, Computer networks, Operating System

DAV Public School Ballabhgarh   Apr. 2019
AISSCE   *Percentage: 94.4/100*

DAV Public School Ballabhgarh   Apr. 2017
AISSE   *CGPA: 9.6/10*

Experience

Bharat Petroleum   Aug. 2023 - Jan. 2024
Software Engineer   *Javascript, ReactJs, Postman, Python*

- Designed Technical Architecture of a Digital Payment Voucher Creation Application for Fueling (**UFill 2.0**).
- Analysed data of UFill 2.0 using Python (**Pandas, Matplotlib, NumPy**) for actionable insights and compelling visualizations.

Texas Instruments   Jan. 2023 - Jul. 2023
Application Developer Intern   *Java, React.Js, SpringBoot, SQL, REST APIs, JSP, Apache*

- Developed an end-to-end application using **ReactJs, Spring Boot and SQL**, which is used to check compatibility of package for a die in semiconductor.
- **REST APIs** to run UNIX command, reading and writing output files, calling **Boomi APIs (PaaS)** and multiple data access APIs using repository and template in spring boot.
- Built several data access **SOAP APIs** in a **JSP and Java** Application.

NIT Patna   Jun. 2022 - Jul. 2022
Research Intern   *Solidity, React.Js, Truffle, IPFS, Ganache*

- Built a Decentralized application that uses blockchain technology and **IPFS** to choose and book vehicles for earliest delivery of goods.
- Written 4 Contracts in **Solidity** to manage transactions between owner, customer and vehicles.

Projects

College Connect   *MongoDb, React.js, Node.js, Socket.io*

- Social networking web application built exclusively for colleges with the aim of bridging the gap between college students and administration.
- Students have their own profile and can like or comment on posts, real time chat feature, broadcasting important messages and authentication of administration.

Lung Nodule Classification   *Deep learning, Convolutional Neural Network, Python*

- Classified Nodules and Non nodules in LIDC-IDRI and LNDB dataset.
- Achieved an accuracy of 91% in LIDC-IDRI and 93% in LNDB dataset.

Movie Review Application   *Java, Spring Boot, ReactJs, MongoDb*

- Web application to post reviews of movies in MongoDB using templates and repository.
- Play trailer of movies using react-player.

Skills

Languages: Java(Proficient), C/C++, Javascript, SQL, Python, Solidity
Frameworks: Spring Boot, React, Angular, Node.js, Truffle
Developer Tools: VS Code, Command Line, Jira, Git, Github, Postman, Ganache
Soft Skills: Collaboration, Teamwork, Leadership, Adaptable

Links

- 🖥 Personal Portfolio • in LinkedIn • </> Leetcode • ⚙ GitHub • Ⓜ Medium