

# Raj Anand

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## EDUCATION

### NATIONAL INSTITUTE OF TECHNOLOGY PATNA

BTECH IN COMPUTER SCIENCE  
2023 | Patna  
CGPA: 8.6/10

### DAV PUBLIC SCHOOL AISSCE

2019 | Faridabad  
Percentage: 94.4/100

### DAV PUBLIC SCHOOL AISSE

2017 | Faridabad  
CGPA: 9.6/10

## LINKS

Leetcode:// [rajanand18](#)  
Github:// [raj18anand](#)  
GeeksForGeeks:// [raj1809anand](#)  
Linkedin:// [rajanand](#)  
Medium:// [codebook](#)

## SKILLS

### LANGUAGES

•C/C++(Proficient) •Java •Javascript  
•Python •Solidity

### FRAMEWORKS

•Spring Boot •React •Angular  
•NodeJs •Truffle

### ACADEMICS

•OOPS •Operating System •Data  
Structure and Algorithms •DBMS  
•SQL •MongoDB •Computer  
networks

### DEVELOPER TOOLS

•VS Code •Command Line •Jira  
•Git •Github •Postman •Ganache

### INTERPERSONAL SKILLS

•Leadership •Teamwork  
•Collaboration •Adaptable

## ACHIEVEMENTS

• 2021 | top 8/130 | HackNITP 2.0 (NITP Hackathon)  
• 2018 | 4<sup>th</sup> International | National Cyber Olympiad

## EXPERIENCE

### SOFTWARE ENGINEER | BHARAT PETROLEUM

August 2023 - Current | Mumbai

- Engaged in technical design and architecture of a digital payment voucher creation application for fueling (UFill 2.0).
- Data analysis using Python (Pandas, Matplotlib, NumPy) for actionable, insights and compelling visualizations.
- Tech Stack : Databases, Full stack technologies, Python

### APPLICATION DEVELOPER INTERN | TEXAS INSTRUMENTS

Jan 2023 - July 2023 | Bengaluru

- 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.
- Also Built several data access APIs in a JSP and Java Application.
- Tech Stack : React.Js, SpringBoot, SQL, REST APIs, Material UI, JSP, Java

### RESEARCH INTERN | DR. DITIPRIYA SINHA

June 2022 - July 2022 | NIT Patna | [Architecture & Screenshots](#)

- Decentralized application that uses blockchain technology and ipfs to choose and book vehicles for earliest delivery of goods.
- Owners can put up their vehicles for delivery service. Integrated map feature to track vehicle.
- Tech Stack : Solidity, React.Js, Truffle, IPFS, Ganache ([Completion Certificate](#))

## PROJECTS

### COLLEGE CONNECT | [Github Link](#)

- 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.
- Tech Stack : MongoDB, React.js, Node.js, Socket.io

### LUNG NODULE CLASSIFICATION | [Github Link](#)

- Classified Nodules and Non nodules in LIDC-IDRI and LNDB dataset.
- Achieved an accuracy of 91% in LIDC-IDRI and 93% in LNDB dataset.
- Tech Stack : Deep learning, Convolutional Neural Network, Python

### MOVIE REVIEW APPLICATION | [Github Link](#)

- Web application to post reviews of movies in MongoDB using templates and repository.
- Play trailer of movies using react-player.
- Tech Stack : Spring Boot, ReactJs, MongoDB