

AYUSH TRIPATHI

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EDUCATION 🎓

RAJKIYA ENGINEERING COLLEGE KANNAUJ (AKTU)

Bachelor of Technology(U.G.)

2016 - 2020 | GPA: 7.2 / 10

SACRED HEART CHILDREN SCHOOL

Senior Secondary Examination(12th)

2016 | PER (%) : 86% (CBSE)

ST. JOSEPH' S SR. SEC. SCHOOL

Secondary School Examination (10th)

2013 | CGPA : 9.4 / 10 (CBSE)

COURSEWORK 📖

- Software Engineering
- Data Structures
- Design and Analysis of Algorithms
- Operating System
- Database Management System
- Computer Networks

SKILL SET ✨

PROGRAMMING LANGUAGES

- C/C++ , Java, JS , DART, SQL

DEVELOPMENT

- ReactJS, Flutter, Java
- NodeJs + ExpressJS
- Restful API
- MongoDB, Firebase, MySQL
- Bootstarp, jQuery, Material UI

TECH INTEREST

- Algorithms + Data structure
- UX/UI development
- Android Development
- API Integration, Postman, Prototyping
- Git, Jenkins, Linux

WORK EXPERIENCE & TRAINING 📁

Wipro Technologies | Project Engineer

Bangalore (India) | Mar 2021 - Current

- role to maintain a Customer Information Management System of a Telecom company(Java, jQuery, JS, SQL)
- worked on adding new features requested by client, automating some processes to enter data in database

MNNIT Allahabad | Data driven Computing and Networking

Allahabad (U.P.) | May - July 2019

- Big Data management using Hadoop
- added functionalities on admin side(book issue, record maintenance, student status)

ACADEMIC PROJECTS 💡

Edvisor | Revision planner application | Github Link

- created a revision planner application for students which reminds them to revise previously learnt topics in timely manner
- integrated a feature to display upcoming and pending topics
- used local storage to store data
- Utilized - Flutter, Sqflite(local storage), GetX(state management)

Memento | Birthday Reminder

- added profile section for users
- integrated with push notifications for reminder
- Learnings - Flutter, NodeJS, MongoDB

Preshak | File Sharing API | Github Link

- developed a file sharing web application using API Integration
- created an API to upload files to server and send files
- added user interface to upload file, send files, send email
- integrated multer middleware to handle multipart/form-data
- Utilized - NodeJS, ExpressJS, Multer, Ejs, MongoDB

RESEARCH | Grayhole Attack | NS3 | Github Link

- analyzed security issues in mobile ad-hoc network
- optimized packet delivery ratio(PDR), throughput
- proposed algorithm based on PDR + Destination Sequence No.
- simulated algorithm on NS3 to prove superiority of algorithm
- Learnings - MANETs, research, simulation, NS3

Online Quiz System | PHP | Github Link

- developed a complete quiz web application from scratch
- added features like creating new quiz, updating question database, showing result and teacher panel
- Utilized - Php, Javascript, JQuery, Html, Bootstrap