

Utkarsh Yadav

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EDUCATION

**DR. APJ ABDUL KALAM
TECHNICAL UNIVERSITY**
B.TECH. IN COMPUTER SCIENCE
AND ENGINEERING
Jun 2023 | Lucknow, IN
GPA: 8.53/10.00

SACRED HEART ACADEMY
Inter. Mar 2018 | Gorakhpur UP, India

LINKS

Github:// [Rytnix](#)
LinkedIn:// [utkarshy](#)
Twitter:// [@_utkarshy_](#)
Leetcode:// [Rytnix_15](#)
CodeChef:// [astrix_rytnix](#)

COURSEWORK

UNDER GRADUATE
Operating Systems
Object Oriented Programming
Compiler Design
Computer Networks
Cloud Computing
Database Management System
Machine Learning
Artificial Intelligence

SKILLS

PROGRAMMING

Over 5000 lines:
• Java • Javascript • Lua
• SQL • LaTeX
Over 1000 lines:
• C++ • CSS
Familiar:
• Python • MySQL • MongoDB

FRAMEWORKS

• SpringBoot • Hibernate
• Spring Cloud • Spring OpenFeign
• ExpressJs • NodeJs

TOOLS & TECHNOLOGIES

• IntelliJ Idea • Git
• GitHub • AWS Cloud Hosting
• Vim • Docker

MISC. DEVELOPMENT

• Medicine Prescription App [code](#)
• Library Management Portal [code](#)
• Login Automation Testing [code](#)

EXPERIENCE

PROEFFICO SOLUTIONS PVT. LTD.

ASSOCIATE SOFTWARE ENGINEER, INTERN
Sept. 2022 - Present | Noida, IN

- Built and maintained the backend of a Mutual fund-based fintech project Edhanam in compliance with the StarMF BSE platform.
- Added **Order, Payment Related APIs** to enable seamless integration with the StarMF BSE platform, ensuring secure and efficient data exchange.
- Worked closely with client **SIEMEN TECHNOLOGIES** to understand their needs and provide technical support, ensuring client satisfaction.
- Collaborated with **3 cross-functional teams**, including **6 front-end & 2 back-end developers**, to deliver high-quality software solutions.
- **Tech Stack:** Java, SpringBoot, SpringCloud, OpenFeign, MySQL.

PROJECTS

TESTMATE

EXAM PORTAL WEB APP | [GitHub](#)

- Identified a need for an exam portal solution to streamline the assessment process for educational institutions, saving an estimated 30% of administrative time and reducing errors by up to 20%.
- Designed and developed TestMate, an exam portal project, using **Java Spring Boot framework, themeleaf(frontend), and MySQL**.
- Collaborated with my friend **Gaurav** to implement image proctoring functionality using Python.
- Implemented features such as **timed exams, question retrieval, answer submission**, and admin functionalities to ensure a smooth exam-taking experience.
- TestMate gained popularity and is currently used by IIMT Engineering College, **handling peak traffic of 500-700 students** during exams.

ALGOU CONTEST

ONLINE JUDGE WEB APP | [GitHub](#)

- "AlgoU" is a standalone project for Algouniversity's Externship, complementing the TestMate coding exam portal app.
- Developed an **Online Judge** featuring an online compiler capable of compiling multiple programming languages, including Java and C++.
- Implemented **Queue for Scalability** and **user traffic handling**.
- The platform allows users to authenticate, access a collection of programming problems and submit their solutions for evaluation.
- Successfully launched and currently **testing with 100 users**.
- **Tech Stack:** ReactJs, ExpressJs, NodeJs, PostgreSQL.

ACHIEVEMENTS & COMPETITIVE PROFILE

2023	OPEN SOURCE	Contributed Travelling Salesman Algo . [PR Link]
2023	Rating 1453	150+ Problems Solved on LEETCODE
2022	top 10/2500	MesoHacks Hackathon.
2022	50 st /22k	Get-Set Hack by RISE.
2022	(Top 2%)	Global Rank 231/10K+ in CodeChef October Long.
2022	(Top 3%)	Global Rank 591/10K+ in CodeChef Aug. Long.