

# Dibya Ranjan Barwa

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## EDUCATION

### BIRLA INSTITUTE OF TECHNOLOGY MESRA

BACHELOR OF TECHNOLOGY IN ELECTRICAL AND ELECTRONICS ENGINEERING

C.G.P.A=7.64

July 2019-May 2023

Ranchi

### KENDRIYA VIDYALAYA HINOO RANCHI, JHARKHAND

Class XII CBSE | 2017-2018

## SKILLS

### PROGRAMMING

Languages

- C++ • Kotlin(Familiar)
- Java(Familiar) • Javascript(Familiar)

Tools

- Docker • Kubernetes
- Jenkins

Database

- Mysql • MongoDB
- Postgres

Framework

- Express

Version Control System

- Git

Cloud Service Provider

- AWS

## LINKS

Codechef:[preacher17](#)

Leetcode:[go\\_jeff](#)

Codeforces:[nickjonas172000](#)

Spoj:[emzm\\_17](#)

Github:[emzm17](#)

LinkedIn:[Dibya Ranjan Barwa](#)

StackOverflow:[Dibya Ranjan](#)

## COURSEWORK

### UNDERGRADUATE

- Data Structure and Algorithms
- Object-Oriented Programming
- Data Mining Concepts and Techniques

## CERTIFICATION

### AWS CLOUD CERTIFIED

- [Link](#)

## EXPERIENCE

### AMDOCS | SOFTWARE ENGINEER

Aug 2023- Present | Pune

- Implemented an Azure key vault in the environment. Move all the sensitive information secrets, like database passwords, etc., to the Azure key vault from the environment variables file, previously, they were present in plain text. Replace them with Azure keys, which increased the security of the environment by up to 90%.
- Performed patch upgrades and core upgrades on the Environment as part of Environment maintenance, Proactively addressed bugs and defects by conducting regular system audits, ensuring the robustness and integrity of the environment.

## PROJECTS

### SPLITPAY | BACKEND CODE | SOURCE CODE

Nov 2023-Feb 2024

- Backend for splitpay
- Technology/Library Used- Nodejs, Express, Postgres, Jsonwebtokens, bcryptjs, Docker, Redis.
- Splitpay is a collaborative financial management app designed for streamlined expense management within user groups.
- Utilized **Redis** for frequent requests, significantly reducing response time from 200ms to 20ms, enhancing overall application performance.
- Users can create groups, add expenses, **minimize cash flow** and efficiently track shared costs for shared living, travel, or group activities.

### SPLITPAY-ANDROID | ANDROID APP | SOURCE CODE

March 2023-Till

- Technology/Library Used- Retrofit, Coroutines, Gson, ViewModel, LiveData.
- Developed an Android application for Splitpay using Kotlin.
- Implemented the **MVVM (Model-View-ViewModel)** architecture pattern to organize code structure effectively.
- Achieved a significant 90% increase in scalability, ensuring the app can handle larger user bases and growing demands efficiently.

### MDUKAN | ANDROID APP | SOURCE CODE

May 2022-Sept 2022

- Technology/Library Used- Google Firebase, Room, Coroutines, Glide, Google Play Service.
- Android app facilitating affordable buying and selling. Users can effortlessly discover and purchase budget-friendly items.

## CODING STATS

### CODEFORCES

- Pupil at Codeforces

### CODECHEF

- Max Rating-1778

### LEETCODE

- Max Rating-1820 (Top 7%)
- Global Rank **1678/23K+** in Biweekly Contest-87