

ADITYA JHA

New Delhi, Delhi

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EDUCATION

Vellore Institute of Technology, Vellore

B Tech - Computer Science with Specialization in Information Security

October 2020 - June 2024

Vellore, India

Bluebells School International

*Class 12th - **Percentage - 93.4%***

April 2018 - March 2020

New Delhi, India

Bright Riders School

*Class 10th - **Percentage - 97.2%***

April 2016 - March 2018

Abu Dhabi, UAE

CODING PROFILES

GeeksforGeeks: <https://auth.geeksforgeeks.org/user/adityajha010202/profile>

CodeChef: <https://www.codechef.com/users/thisisaditya>

LeetCode: <https://leetcode.com/AdityaJha/>

PROJECTS

VoterZmate  | Technology Stack Used: Java, XML, Firebase, Figma

- * Implemented VoterZmate, an innovative Android application that simplified the polling experience by utilizing online services, ensuring a smooth and efficient online voting process
- * Integrated biometric fingerprint scanning as a secure 2-step authentication method, resulting in a 60% decrease in account breaches and strengthening overall data protection

Pic-It-Up  | Technology Stack Used: Java, XML, Figma

- * Pioneered the development and launch of Pic-It-Up, an Android application that offered a rich array of features, including 100+ stylish effects, blur photo, filters, grids, change frame, and beauty plus tools, delivering a seamless and enjoyable photo editing experience
- * Key Features: 50+ filters, free hand cropping, stickers, pixelate, change orientation, share on different platforms [Live App here](#)

Secure Storage System  | Technology Stack Used: Java, XML, Firebase, Figma

- * Developed encryptoDrive, an Android App focused on secure user authentication, file storage, and sharing; enabled seamless encryption and decryption of files without compromising file size integrity
- * Integrated visually impactful pie charts into the application's user interface, providing users with an intuitive way to analyze and manage storage details resulting in a 40% increase in data organization efficiency

EXPERIENCE

MotorQ

May 2023 – July 2023

SDE Intern

- Collaborated with cross-functional teams to automate maintenance window creation, resulting in an 80% reduction in Pager Duty false alerts during deployment
- Collaborated closely with team members to migrate batch job processes to Kubernetes cron jobs, achieving a 40% decrease in job failures and ensuring efficient resource allocation
- Partnered with colleagues to achieve a 100% increase in Azure Blob Storage savings through the implementation of effective file compression and renaming
- Orchestrated the creation and execution of a proof of concept to enhance security measures and restrict unauthorized access to Azure PostgreSQL Database; implemented access controls and protocols ensuring data protection
- Top Skills: Node.js, Typescript, Python, Azure DevOps, REST APIs, Git

TECHNICAL SKILLS

Languages & Frameworks: Python, Java, C, C++, Typescript, SQL, Node.js, Express.js

Databases: PostgreSQL, SQLite, Firebase Real-time Database, MongoDB

Developer Tools: Android Studio, Git