

# CHANDIMA DHARMARATHNE

Undergraduate at University of Colombo

## Profile

As an undergraduate in the Faculty of Science at the University of Colombo, I bring a diverse background with a strong focus on Physics, Applied Mathematics, Pure Mathematics, and Computer Science. Throughout my academic journey, I have developed a passion for programming and technology. I have hands-on experience in Java, web apps, mobile apps, Database management, embedded systems, and IoT projects. My purpose is to become a talented Software Engineer. I am enthusiastic about exploring new challenges and leveraging my skills to contribute effectively as an intern in a dynamic and innovative environment.

## CONTACT



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chandimadharmarathne

## TECHNICAL SKILLS

### Programming Language

- C
- C++
- Java
- Python
- Java Script (including Node.js)

### Database Management

- MySQL
- PostgreSQL
- MongoDB

### Web Development

- HTML
- CSS
- XML
- JavaScript
- Node.js

### Mobile App Development

- Android Studio
- React Native

## Education

2020 – 2023

**BACHELOR OF SCIENCE HONOURS IN ELECTRONICS & INFORMATION TECHNOLOGY**  
UNIVERSITY OF COLOMBO

2018

**G.C.E. ADVANCED LEVEL**  
**WP/MG/ST. MARY'S COLLEGE, MATUGAMA**  
PHYSICS – B      COMBINED MATHS – B      CHEMISTRY – C

## Academic Projects

### Student Management System

[Github repo](#)

Developed a comprehensive Student Management System using Java, MySQL, and Scene Builder. Automated administrative tasks, managed student records, attendance, manage accounts, manage courses and grading. Proficient in Java programming and database management. Created an intuitive user interface with Scene Builder. Project showcased expertise in software development and database management.

### 'Seeker' Job Finder with Admin App (On going)

[Github repo](#)

"Seeker" is a dynamic mobile application developed using React Native, Node.js, and MongoDB. It streamlines the job search process for users while offering essential admin tools for efficient job listing management. This project exemplifies expertise in app development and database management, ensuring a user-friendly experience. "Seeker" aims to simplify job hunting while showcasing skills in software development and database handling.

### 'Day Work Planner' To Do Android App

[Github repo](#)

Successfully designed and implemented the 'Day Work Planner' app using Java and XML in Android Studio. The app facilitates efficient work management for students and teachers alike. It features the ability to save future academic tasks, mark tasks as completed, and allows teachers to update students' task lists in real-time via Firebase. The project showcases my proficiency in Android app development and my capability to create practical solutions for optimizing productivity and academic progress.