

# Amartya Dey

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## EDUCATION

### CMR UNIVERSITY

#### B.TECH IN COMPUTER SCIENCE AND ENGINEERING


Sept 2018 - May 2022 | Bangalore, India (8.63 CGPA)


## LINKS

 AmartyaDey24

 amartya-dey-24am

 Scalr - amartyadey

 Leetcode - amartyadey929

 Hackerrank - amartyadey24

## COURSEWORK

### GRADUATE

- Software Developer (Backend – Java, Data Structure and Algorithm) – SCALER ACADEMY
- Python Programming language – YouTube
- Web Development using Flask – YouTube

### UNDERGRADUATE

- Android Java Masterclass (by Tim Buchalka) - UDEMY
- Learn Core Java Programming (by Abdul Bari) – UDEMY

## SKILLS

Core Java • Python • Flask Web Framework • SQLite • MySQL • Android Development • XML • CSS • HTML  
• Linux • API Integration • Command Line Interface (CLI) • Git • CI/CD • Apache

## EXPERIENCE

### NATWEST GROUP SOFTWARE ENGINEERING INTERN

March 2023 – Sept 2023 | Gurgaon, India (Hybrid)

- Full-Stack Web Development: Gained hands-on experience in full-stack web development using Python Flask framework and SQLite database while working as a software engineering intern on the TAM portal project at Natwest Group.
- Feature Development and Testing: I was responsible for developing new features, conducting comprehensive testing, and debugging code to ensure the functionality and reliability of the TAM portal project..
- Collaboration and Skill Enhancement: Got opportunity to collaborate with experienced professionals in the field, which enabled me to deepen my technical skills, enhance my problem-solving abilities, and improve my communication and teamwork skills.

### GNANI.AI ANDROID DEVELOPER INTERN

Aug 2022 – Sept 2022 | Bangalore, India (Remote)

- Key Android Development Contributions: As an Android Developer Intern at Gnani.ai, I played a vital role in mobile app development, focusing on UI design, seamless API integration, and thorough testing to ensure exceptional user experiences in our Android applications.
- Created a backbone.js-like framework for the Captions editor.

### YENVEEZ ANDROID DEVELOPER INTERN

March 2022 – May 2022 | Bangalore, India (Remote)

- Immersive Android App Development: During my tenure as an Android Development Intern at Yenveez, I had the opportunity to deeply engage in mobile app development. I actively participated in designing and implementing Android applications, focusing on enhancing user interfaces and seamlessly integrating APIs to expand app functionality.
- Rigorous Testing and Debugging: I played an essential role in the testing and debugging phase of our projects, diligently working to ensure a smooth and error-free user experience within the Android applications I contributed to.

## ACTIVITIES

- Solved 180+ DSA questions at Scalr
- Solved 60+ questions at LeetCode
- 2 stars in JAVA Programming in Hackarank
- 2 stars in problem solving in Hackarank

## PROJECTS

### PERSONAL PORTFOLIO *amartyadey.com*

Aug 2023 – Sept 2023

- I developed a live web application, using a full-stack approach. On the backend, I utilized Python and Flask to create a robust server, while the frontend was designed using HTML, CSS, and JavaScript for a user-friendly interface. To make the application accessible to users, I deployed it on a DigitalOcean Droplet running Ubuntu with an Apache web server.
- Additionally, I integrated Apache MySQL as the database to efficiently store and manage data. This project allowed me to demonstrate my skills in web development, server management, and database integration, showcasing my ability to create and deploy functional web applications.