

# Aschalew Dereje

## Software Engineer

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### PROFILE

I'm Aschalew Derje, a dedicated 3rd-year Software Engineering student at Adama Science and Technology University. I have a strong passion for software development, problem-solving and data analysis. Enthusiastic about the endless possibilities in technology, I'm eager to learn from experts and collaborate on innovative projects that can make a meaningful impact.

### EDUCATION

**Adama Science and Technology University,** 2023 – 2027 | Adama, Ethiopia

*Bachelor Of Science , Software Engineer* 📄

**Relevant Coursework:** Python, Object Oriented Programming (Java) , Advanced Programming(Java) , C++ , Web development , Data Structures and Algorithm.

### SKILLS

**Programming Languages :** – Python, C++, Java, JavaScript, HTML, CSS, ReactJs

**Version Control** – Git , GitHub

**Data Structures and Algorithms (DSA) :** – <https://codeforces.com/profile/Aschio> 📄 | <https://leetcode.com/u/Aschio/> 📄

### PROJECTS

#### Car Rental System

**Technologies Used:** C++, Object-Oriented Programming, File Handling

**Description:** Developed a car rental system to manage vehicle rentals and customer records with a console interface.

**Key Features:**

- **Vehicle Management:** Add, update, delete, and search vehicle details.
- **Customer Management:** Manage customer information and rental history.
- **Rental Process:** Facilitate vehicle rentals and returns, with fee calculations.
- **File Handling:** Import and export vehicle and customer data using text files.
- **Console Interface:** Intuitive command-line interface for easy navigation.

#### Betachin

**Technologies Used:** Java Servlets, Database (MySQL)

**Description:** Designed and implemented a robust system for buying and renting homes, allowing users to explore listings, submit inquiries, and manage transactions efficiently.

**Key Features:**

- User registration and authentication
- Add, update, and remove property listings
- Advanced search functionality with multiple filters
- Inquiry submission for interested properties
- Admin panel for managing users and property listings