

AKSHOBYA A S

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[in](#) akshobyaas [github](#) akshobyaas

PROFILE

Information Science & Engineering undergraduate (2027 batch) with strong foundations in Data Structures, Algorithms, and Object-Oriented Programming. Proficient in C++, Java, and Python with hands-on experience in algorithm design and full-stack system development. Passionate about building efficient, scalable software systems and solving real-world engineering problems.

EDUCATION

Bachelor of Engineering (B.E.) – Information Science & Engineering **Expected 2027**
The National Institute of Engineering, Mysuru
Current CGPA: 7.60

Pre-University (PCMC) – Creative PU College, Karkala **2023**
Percentage: 96.33%

TECHNICAL SKILLS

- **Programming Languages:** C++, Java, Python, C
- **Core Concepts:** Data Structures & Algorithms, Object-Oriented Programming, DBMS
- **Web Development:** HTML, CSS, JavaScript
- **Databases:** MySQL
- **Tools & Platforms:** VS Code, IntelliJ IDEA, PyCharm, Kali Linux

PROJECTS

Ecoride – Car Pooling Web Application [github](#)

- Developed a full-stack ride-sharing platform with secure authentication and RESTful APIs using Node.js, Express, React, and TypeScript.
- Implemented backend workflows for ride management, booking logic, and efficient database handling.

Timetable Scheduler using Genetic Algorithm [github](#)

- Built a Genetic Algorithm-based timetable generator in Python to minimize scheduling conflicts.
- Designed fitness, selection, crossover, and mutation strategies to optimize constraint satisfaction.

DBMS Mini Project – Bus Ticket Reservation System

- Designed a relational database system for seat allocation, booking, and cancellation workflows using MySQL and Java.

LANGUAGES

English | Kannada | Hindi