

## Training

### Board Infinity(Career Tech Platform)

Jun 2023

- Gained deep understanding of data structures, including arrays, linked lists, stacks, and queues.
- Covered trees, graphs, and hashing for advanced problem-solving techniques in various scenarios.
- Developed proficiency in recursion, dynamic programming, greedy algorithms, and divide & conquer strategies.
- Acquired hands-on experience optimizing time and space complexity for real-world and competitive programming.
- Resulted in improved problem-solving speed, enhanced coding efficiency, and readiness for technical interviews.

## Projects

### SnapFine – Traffic Violation Reporter App | Android SDK, Kotlin, XML, Firebase

Nov 2024

- Built an Android app to report traffic violations through photo evidence and digital case tracking.
- Leveraged Firebase Authentication, Firestore, and Camera to streamline reporting and ensure secure complaint storage.
- Designed dynamic UI with BottomNavigationView, DrawerLayout, and real-time profile data management using Firestore.
- Enabled dual-access complaint visibility by mapping reporter and vehicle owner via unique Firebase UID.
- Fostered civic awareness, enhanced my Android proficiency, and contributed toward smarter digital governance solutions.
- GitHub Repository Link: <https://github.com/amshugannu/SnapFine>

### Doctor Appointment Booking Website | ReactJS , Tailwind CSS

Dec 2024

- Engineered a doctor appointment scheduling system for seamless booking, management, and tracking accessibility.
- Created a user-friendly, responsive interface with intuitive navigation to simplify scheduling and reduce wait times.
- Improved administrative efficiency through optimized appointment management and easy-to-use features.
- Ensured system reliability and accurate appointment tracking for smooth user experience and consistent performance.
- Enhanced patient and staff experience with faster appointments, fewer errors, and improved operational efficiency.
- GitHub Repository Link: <https://github.com/amshugannu/lifelinehospitalonlinebooking>

### Online Movie Ticket Booking Website | Html, CSS, Bootstrap, JavaScript, jQuery

Jan 2023

- Established a web-based movie ticket reservation system to discover movies and complete bookings.
- Empowered users to choose preferred seats and book tickets securely for enhanced convenience.
- Crafted an interactive, mobile-friendly interface with live schedules, seat mapping, and instant confirmation.
- Integrated secure payment solutions and backend services for seamless transactions and real-time seat tracking.
- Improved user satisfaction with easier bookings, secure payments, and a more efficient reservation process.
- GitHub Repository Link: <https://github.com/amshugannu/TicketBookmark>

## Certificates

Introduction to Machine Learning | NPTEL | [Certificate link](#)

Sep 2024

Advanced Data Structures and Algorithms | Board Infinity | [Certificate link](#)

Jul 2024

Meta Android Developer | Coursera | [Certificate link](#)

Nov 2024

## Technical Skills

**Languages:** Java, C++, C, Python, Kotlin, JavaScript, HTML, PHP, XML.

**Frameworks:** CSS, ReactJS, Bootstrap, jQuery.

**Tools/Platforms:** Android Studio, MySQL, MongoDB, Firebase.

**Soft Skills:** Adaptability, Time Management, Active listener, Collaboration and Teamwork.

## Education

**Lovely Professional University**

Phagwara ,Punjab ,India

Computer Science and Engineering; CGPA:7.57

Since - Aug 2022

**Alphores Junior College**

Karimnagar ,Telangana ,India

12th with Science— Percentage: 93.40%

Jun 2020 - Mar 2022

**Alphores Educational Institutions**

Karimnagar ,Telangana ,India

10th with Science— CGPA: 10

Apr 2019 - Mar 2020