Gannu Amshu
Karimnagar, Telangana 505001

📞 +919390025129 ✉ amshu3003@gmail.com 🔗 https://www.linkedin.com/in/amshu-gannu/ ⭕ https://github.com/amshugannu

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