

Akshit Kumar

Email : akshitkumar3101@gmail.com / [LinkedIn : akshit-kumar](#) / [GitHub: aaakshit](#)

EDUCATION

Lovely Professional University (LPU), Punjab Bachelor of Technology in Computer Science and Engineering <ul style="list-style-type: none">Technical Courses: Data Structures and Algorithms, Operating Systems, Database Management Systems, Object Oriented Programming, Computer Networks, Analysis and Design of Algorithms	2020 – 2024 CGPA: 7.85
Kendriya Vidyalaya Tirumalagiri, Secunderabad Senior Secondary (Class XII)	2018 – 2019 76%
Kendriya Vidyalaya Tirumalagiri, Secunderabad Secondary (Class X)	2016 – 2017 CGPA: 9.8

WORK EXPERIENCE

Microsoft engage Program - Mentorship <ul style="list-style-type: none">Created an Android application (Sleep Detector Application) that can recognize faces using google vision API and alert the user/driver whenever he is in sleepy/drowsy state to avoid accidents.Implemented features like Google maps for easy navigation while using the Sleep Detector Application and added picture in picture mode for swift use of application. GitHub Link	May 2022 – July 2022
--	----------------------

PROGRAMMING ACHIEVEMENTS

<ul style="list-style-type: none">Secured University Rank 33 (3,500 participants) in Competitive Programming examCodeforces: Maximum Rating – 1203(Pupil) profileLeetCode Maximum Rating (~1726) global rank 168(Biweekly contest 93) ProfileCodeChef: Maximum Rating – 1855 (4*) global rank 19(starter 71) ProfileUniversity Rank (~175) GeeksforGeeks Registered university users (14,000) ProfileCleared Hackerrank certified Problem-Solving Basic Level Exam CertificateCleared Hackerrank certified Problem-Solving Intermediate Level Exam CertificateCleared GFG DSA self-paced certificate exam certificateSecured rank 126 in coding combat battlefield organized by GeeksforGeeks total participants (4000)AWS CLOUD FOUNDATION CERTIFICATE certificatePart of AWS emerging talent community.	May. 2022 Apr. 2022 July 2022 Apr. 2022 Apr. 2023
--	---

TECHNICAL PROJECTS

TO-DO LIST – [GitHub Link](#) | HTML, CSS, JavaScript.

- This web application is created using HTML, CSS, JAVASCRIPT.
- We can add or remove our tasks.
- Uses local storage for temporary storing tasks.

Sleep Detector App - [GitHub Link](#) / Java, XML, Google Vision API, Google Maps API, Android Studio.

- Created an Android Application that detects sleepy/drowsy state of a user by scanning their faces using Google Vision API.
- Alert the user using Alarm to help him avoid road accidents and provide features like maps for swift navigation.

Security using Armstrong numbers and colours / multi-threading, chunking, cryptography.

- This cascaded cryptography system is an implementation of an IEEE paper.
- Multiple updates like color-based mapping tables and mathematical formulae's for increasing the efficiency from $O(n^2)$ to $O(n)$ are applied to the ideas presented in the paper.

SKILLS AND INTERESTS

Technical: C, C++, AWS, Docker, Jenkins, Data Structures, Algorithms, Competitive Programming, Android Development, OOPs, DBMS, XML, HTML, JAVASCRIPT, REACT JS, Photoshop.

Non-Technical: Teamwork, Leadership, Public Speaking, Versatility, Problem Solving, Football, Cooking