

AYUSH

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EXPERIENCE

Third Unicorn - Senior Software Engineer, *April 2023 - Present* - Building scalable fantasy cricket app

Amazon - Software Development Engineer-1, *Sept 2021 - March 2023* - Worked on Softlines Detail and Search Pages for Amazon marketplace. Built recommendation system for discounted offers when products from certain categories are clubbed together for Softlined Detail page. Created new twister experience for shade selector for beauty products to improve CX

Indiamart Interrest Ltd - Associate Engineer, *July 2021 - Aug 2021* - Worked on creating internal automation tool for mailing, to automatically read replies or incoming queries from users and store it in database accordingly.

Indiamart Interrest Ltd - Associate Engineer Trainee, *March 2021 - June 2021*

Unlimitix - Software Development Engineer Intern, *May 2020 - June 2020* - Was part of the team creating mobile application for weight loss chatbot. I was responsible for creating mobile application in react native and creating APIs.

Wikimedia Outreachy Intern - Open source developer, *May 2020 - Aug 2020* - Worked on fixing bugs and optimising processes in Wikimedia Android app

Skillorex Pvt Ltd - Software Development Engineer Intern, *June 2019 - July 2019* - Worked on creating an event ticket booking application. I was responsible for the backend part of the application.

SKILLS

Java, Spring Boot, C++, Python, JavaScript, Node.js, Django, React-native, GoLang

SQL, MongoDB, PostgreSQL, AWS, Firebase, Docker, Git, Redis, RabbitMQ

PROJECTS

A C++ based In-memory Database - A basic relational database system with an attempt to optimize query processing time.

Linux Command-Line Terminal in C - An attempt to replicate linux command line terminal to explore linux OS and created custom commands to simplify multiple command inputs at once.

Extension for google meet to record attendance - A chrome extension to automatically get attendees from the meet and add the response to a sheet which maintains the attendance monthwise. It used to keep checks at regular intervals during the meeting.

Fake news detection WhatsApp bot - A whatsapp bot which replies the percentage by how much it thinks the news is accurate to any news forwarded to it.

Parking App for booking parking spots in city - Mobile application for pre booking available parking spots in a city and generating QR to verify the booking.

Fantasy Cricket App - A fantasy cricket application which gets cricket data in realtime and users can play against each other by creating their own teams.

Analysis of trends of COVID-19 - An application which analyzed COVID-19 data on various parameters and predicted the amount of upcoming positive covid 19 cases in a region.

Virtual mouse pointer using hand gesture recognition - A desktop application which used camera to track hand fingers when covered with certain color and use the movement to replicate mouse pointer movements and clicks

Optical Character Reader Android application - An android application to convert text from image to editable text.

Object Detection Android application - An android application which uses tensorflow and tells what an object resembles to after reading the image from mobile camera.

EDUCATION

- **B.E CSE (2017-June 2021): Chandigarh College of Engineering and Technology, Panjab University:** CGPA – 8.35
 - **Intermediate (2017): D.A.V. Sr. Sec. Public School Barmana:** 83.8%
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PUBLICATIONS

- Developing an Android Application (Breeze) for College Management System, 3rd IEEE Technically Sponsored International Conference on Computing Methodologies and Communication (ICCMC 2019), Paper ID 137 on 27 -29 March, 2019.
 - Developing an Android Application (Breeze) for College Management System, International Journal of Emerging Technology and Advanced Engineering, Volume 8, ISS 2250-2459 Feb-2019.
 - Mobile Based Android Application (Breeze) for College Management System, SSIP Annual International Conference on Student Innovation, Start-Ups and Ecosystem - 2019 on 28-29 March 2019.
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TECHNICAL ACHIEVEMENTS

- Cleared all challenges of Google Foobar Challenge.
 - Engineering Undergraduate: Asia Virtual experience program participant by Microsoft.
 - 1st position in Hacksprint V3.0 organized by Hackerearth at U.I.E.T.
 - 1st position in Android App Development organized by ACM.
 - 1st position in Ideathon organized by EVRY.
 - 1st position in CODERELAY organized by Punjab Engineering College.
 - 3rd position at Design Revolution organized in RENDEZVOUS (IIT DELHI fest).
 - 3rd position in IPD-EXPO 2018.
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INVOLVEMENT AND POSITIONS OF RESPONSIBILITY

- Secretary of ACM (International Society for Computing) Student Chapter CCET
 - Head - College Website Development team.
 - Manager - Training and Placement Cell
 - Subhead of Designing Department at APRATIM (College Fest).
 - Co-head of Website Development Team for APRATIM (College Fest).
 - Designing head at Achintyam (Photography Club).
 - Executive Member at Apostle of Speech (Literature Society).
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HOBBIES

- Playing Football
 - Designing
 - Reading
 - Studying Physics
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