

# AYUSH

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Software Engineer with 3 years of hands-on experience driving impactful software solutions in diverse domains. Led cross-functional teams in the successful delivery of software projects, driving tangible business outcomes and earning recognition for exceptional performance. Spearheaded the development and implementation of scalable software solutions across diverse domains, driving increased system performance and user engagement by 40% and 25% respectively.

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## EXPERIENCE

**PictoryAI** - Software Engineer, *October 2023 - Present*

- Working in a team providing AI solution for automated video generation

**Third Unicorn** - Senior Software Engineer, *Jan 2023 - Sept 2023 (Laid Off because of downsizing)*

- Pioneered the development of fantasy cricket app, optimizing real-time data processing and elevating user engagement. Slashing processing time for leaderboard and PDF generation by 92% and boosting server performance by 60%.

**Amazon** - Software Development Engineer-1, *Sept 2021 - Dec 2022 (Laid Off because of downsizing)*

- Engineered Softlines Detail and Search Pages for Amazon marketplace, enhancing customer interaction and sales by 10%.
- Designed and implemented a recommendation system for discounted offers, resulting in 20% increased sales.
- Revamped the shade selector for beauty products, elevating user experience through a new twister interface which resulted in 20% more engagement on detail pages.

**Indiamart Interrest Ltd** - Associate Engineer, *Jul 2021 - Aug 2021*

- Pioneered the creation of an internal automation tool for user query management, streamlining information storage to improve productivity of teams by 40%.

**Indiamart Interrest Ltd** - Associate Engineer Trainee, *Mar 2021 - Jun 2021*

**Unlimitix** - Software Development Engineer Intern, *May 2020 - Jun 2020*

- Facilitated the development of a weight loss chatbot mobile app using React Native and API integration to cater requests of 3000+ users.

**Skillorex Pvt Ltd** - Software Development Engineer Intern, *Jun 2019 - Jul 2019*

- Led the backend development of an event ticket booking application, ensuring smooth user interactions for 4500+ customers.

**Freelancer** - Software Development Engineer, *Jan 2018 - Aug 2021*

- Worked with multiple teams across the globe, involved in building tech for startups from scratch.

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## SKILLS

Java, Spring Boot, Hibernate, Python, C++, JavaScript, Node.js, Django, React Native, GoLang, SQL, MongoDB, PostgreSQL, AWS, Firebase, Docker, Git, Redis, RabbitMQ  
Problem Solving, Web Development, Cloud, Microservices, Distributed Systems

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## PROJECTS

**Dugout- A sports based engagement platform - Mobile App.**

An app for social engagement based on sports. Node.js Backend server involving technologies like cloud, redis and rabbitmq. React-native frontend app. -

<https://www.dugoutlive.com/>

**In-memory Database**

Created relational database system to optimize query processing time using C++ with 50+ query operations.

**Linux Command-Line Terminal in C**

Recreated Linux command line terminal with 30+ custom commands.

**Google Meet Attendance Recorder**

A Chrome extension for automated attendance tracking during meetings, tested over 150+ lectures.

**WhatsApp Fake News Bot**

WhatsApp bot for assessing accuracy of forwarded news, providing percentage accuracy, model had 95% accuracy.

**City Parking App**

Mobile app for pre-booking parking spots, generating QR codes for verification, a MVP with 1000 users.

**Real-time Fantasy Cricket App**

Fantasy cricket app for real-time gameplay catering over 10,000 requests at a time.

**COVID-19 Trends Analysis App**

An application to analyze COVID-19 data, predicting regional case trends in 29 states of India.

**Hand Gesture-based Virtual Mouse Pointer**

Desktop app using hand gesture recognition to control mouse movements.

**Optical Character Reader Android App**

Android app for converting image text into editable text, can read 3500 characters in a single processing.

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## EDUCATION

- B.E CSE (Aug 2017 - Jun 2021): Chandigarh College of Engineering and Technology, Panjab University:** CGPA – 7.35
- Intermediate : 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 Sponsored International Conference on Computing Methodologies and Communication (ICCMC), Paper ID 137 on 27 - 29 Mar, 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 on 28 - 29 Mar 2019.

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## ACHIEVEMENTS AND POSITIONS OF RESPONSIBILITY

- Completed Google Foobar Challenge, solved 5/5 coding problems.
- Engineering Undergraduate: Asia Virtual experience program participant by Microsoft.
- 1st position in Hackerearth hackathon.
- 1<sup>st</sup> position in Ideathon organized by EVRY (Sept 2019).
- Secretary of ACM (International Society for Computing) Student Chapter CCET