

AKASH CHOHAN, ASPIRING SOFTWARE ENGINEER

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PROFILE

Passionate about innovation and development, I focus on implementing unique and transformative ideas.

EDUCATION

Bachelor of Technology(CSE) , Guru Nanak Dev University 2022 - 2025

Diploma in Computer Science, Mehr Chand Polytechnic College 2019 - 2022

Courses: Data Structure & Algorithms, Operating System, Object Oriented Programming, System Design

SKILLS

Languages: C++, Java, PHP, C, Python, JavaScript, HTML/CSS
Tools: Arduino, Gradle, Postman, Docker, Android Studio, Visual Studio, Xcode
Databases MySQL, NoSQL, Firestore, DynamoDB, MongoDB, Reltime-Database

EXPERIENCE

Founder and Lead Innovator Sep 2023 - Apr 2024
Sky.RA *Amritsar, India*

- Recognition: Achieved the best prototyping award for the AR device.
- Development Oversight: Managed the development process from initial concept to final product.
- Quality Assurance: Ensured top-tier quality and functionality in the final product.

App Development Intern Sep 2023 - Dec 2023
Bharat Intern *Madhya Pradesh, India*

- Collaboration: Worked closely with a team of developers, designers, and project managers.
- Learning and Adaptation: Quickly adapted to new technologies and development environments.

Operations Executive Nov 2020 - Feb 2021
Croton *Hyderabad, India*

- Problem Solving: Addressed operational issues promptly to maintain seamless operations.
- Performance Monitoring: Monitored key performance indicators to ensure targets were met.

PROJECTS

Award-Winning Partial AR Device - [Link](#) | Optics, Arduino, Xcode, Flutter Nov 2023

- My project involves seamlessly attaching a device to regular eyewear, enabling users to receive daily updates and notifications on the Air.

Photonic Quantum Computing - [Link](#) | Qiskit, Beam Splitter, Laser Diodes Feb 2024

- I utilized beam splitter technology with lasers to enable simultaneous computation in both 0s and 1s, potentially achieving the ability to compute up to 2^{64} scenarios, surpassing the capabilities of a regular computer.

Smart Dental Retainer for Accessibility | Ergonomics, Intertial Sensors, DPI, Orthodontics March 2024

- This innovation aims to provide a safe and easy-to-use solution for individuals with disabilities, enhancing their accessibility to technology.

Pendulum: Human-based AI Interaction | Machine Learning, API's, Three.js, WebGL.

- Currently developing an advanced AI system capable of real-time interaction with users, designed to emulate human emotions and responses. This aims to enhance human-computer interaction.