

# Sheikh Asif Ali

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## Projects

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### Hue Calculator | *Kotlin, Java, XML*

[Github](#)

- Developed a **Material Design 2** based calculator app from scratch which has an **infinite** number of **color combinations**.
- Leveraged the **Rhino 1.6** library for efficient expression evaluation and result generation.
- Optimized code for performance, guaranteeing a **lag-free** user experience.
- Implemented **fluid animations** for seamless transitions between functionalities.
- Integrated a **Light/Dark** Mode toggle for user preference and accessibility.

### Digital Wellbeing Stats | *Java*

[Github](#)

- Engineered an automation solution that reduces a **5-6 hour** manual task to a **1 second** task, yielding a phenomenal **21,600x** improvement in efficiency.
- The application intelligently transforms a folder brimming with **300+ files** into a concise and valuable data summary, presented in just a few lines.
- Integrated user-friendly filtering options within the data extraction tool, empowering users to effortlessly hone in on the specific information they require.

### AuthorGram | *PHP, MySQL, HTML, CSS, JavaScript*

[Link](#)

- Spearheaded a **3-person** team at a **24-hour** inter-college hackathon.
- Developed a comprehensive application featuring login, registration, text editor, file manager capabilities within the tight constraints of a 24-hour timeframe.
- Achieved a commendable **7th place** finish out of 20 competing teams, demonstrating the application's functionality and potential.

## Skills

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**Languages:** Kotlin, Java, MySQL, C, JavaScript

**Libraries:** AndroidX, JUnit, Springboot

**Additional Skills:** REST API, HTML, CSS, Git, GitHub, Figma, Debugging

## Education

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### Arya College

*Bachelor of Computer Applications (76.5 %)*

**Ludhiana, Punjab**

*September 2021 – May 2024 (Ongoing)*

### Green Land Sr. Sec. Public School

*Class 12th (89%)*

**Ludhiana, Punjab**

*April 2020 – May 2021*

## Certification

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### Java Programming 1

University Of Helsinki

[Link](#)

January 2023 - February 2023