

# Arman Singh Kshatri

IIIT-Naya Raipur  
Plot No. 7, Sector 24

[Github](#)  
[E-Mail](#)

## Education

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|---|---|
| <b>International Institute of Information Technology - Naya Raipur</b><br><i>B.Tech in Data Science and Artificial Intelligence</i> | 2022– Present<br><i>Current CGPA-8.52</i> |
| <b>D.A.V Ispat Senior Secondary Public School</b><br><i>CBSE 12th</i>   | 2019-2021<br><i>Percentage-91.0%</i>      |

## Projects

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| <b>Personal Website</b><br><i>Website hosted on AWS EC2 instance</i> <ul style="list-style-type: none"><li>• Personal Website made using</li><li>• Uses NGINX for serving content</li><li>• Jenkins enabled for CI/CD pipeline</li></ul>           | <a href="#">Source Code</a><br><a href="#">Website</a> |
| <b>Arogya-Direct</b><br><i>Flutter application that can be used for Geo-Fencing</i> <ul style="list-style-type: none"><li>• Made using Firebase &amp; Google Map APIs</li><li>• Uses GPS technology for instant and accurate positioning</li></ul> | <a href="#">Source Code</a>                            |
| <b>Water-OpenGL</b><br><i>A Predator-Prey population dynamics simulation described by A. K. Dewdney</i> <ul style="list-style-type: none"><li>• Uses Open-GL for visualization</li><li>• Written in C and uses Multi-Threading</li></ul>           | <a href="#">Source Code</a>                            |
| <b>Bhess-Engine</b><br><i>UCI chess engine written in Rust [WIP]</i> <ul style="list-style-type: none"><li>• Bitboard is the currently the fastest way of implementing a Chess Engine</li></ul>  | <a href="#">Source Code</a>                            |
| <b>Kala-Bot</b><br><i>A Multipurpose discord bot purely written in python</i> <ul style="list-style-type: none"><li>• Purely asynchronous code was used</li><li>• Hosted in replit and uses flask for indefinite lifetime</li></ul>                | <a href="#">Source Code</a>                            |

## Extracurricular

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Member of Quizzing Club at IIITNR  
Member of Literary Club at IIITNR  
Member of MUN at IIITNR

## Skills

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**Programming Languages:** Python, Rust , JavaScript, Java(Intermediate), Dart(Intermediate)  
**Other Programming Tools:** HTML, CSS, , GraphQL, SQL, Bash  
**Technologies:** Linux, Blender, Adobe Photoshop, Adobe Illustrator, Git, Vim,  $\LaTeX$

## Other Interests

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**Hobbies:** 3D modelling, playing flute  
**Sports:** Cricket, Chess