





# Animesh Sahu

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## EDUCATION

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- **Indian Institute of Information Technology** Lucknow (UP), India  
*Bachelor of Technology in Computer Science; CGPA: 9.02* 2021 - 2025







## EXPERIENCE


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- **Uber (SWE Intern + SWE-I)** *Java, SQL / Presto, Hive, Hadoop, Spark* Jan 2025 - Present
  - Working on the infrastructure - all around the data and its integrity.
- **Walmart Global Tech (SDE Intern)** *SpringBoot, SQL, Bash, Airflow, GCP* June 2024 - Dec 2024
  - Worked closely with the enterprise department to engineer and sustain multiple projects around associate well-being and accurate payrolls, inclusive of CI/CD and GenAI.

## PROJECTS




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- **Hop.el**  *Elisp, PCRE* Mar 2023
  - Innovated an Emacs plugin for seamless word/line/char navigation, resulting in an outstanding 94% efficiency boost in the navigation workflow.
  - Implemented TrieBackfilling Algorithm, reducing keystrokes by 52%.
  - Garnered positive response from the r/emacs community , amassing 43 stars on GitHub .
- **Keyboard-mouse-kt**  *Kotlin, JNI, Node Addon API, C++, CMake, Docker* Apr 2021
  - Built a Kotlin-multiplatform library enabling global keyboard and mouse interaction, embraced by a thriving community of over 100 developers worldwide.
  - Addressed global keystroke capturing limitations in the JetBrains Compose  desktop app framework.
  - Currently holds 53 stars on GitHub .

Various other notable projects 

## ACHIEVEMENTS

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- Maintained a reputation **exceeding 8000 on Stack Overflow** .
- Authored highly-upvoted and influential blog post titled "Demystifying UEFI" , ranked among the **top 10 posts of the year** on r/embedded and featured on Google Discover.
- Walmart Sparkplug 2024 on Unstop - Finished in **Top 100 out of 15k**.
- Achieved **ranking of 535 (Div 3)** in Codeforces Round 920. Currently **Specialist (1493)** at Codeforces.
- Achieved **ranking of 19 (Div 3)** in Long Challenge Jan 2022, and **169 (Div 2)** in May cookoff 2022.
- Secured 1st prize among Freshers in CodeArena (1v1 coding elimination battle of Equinox '22).
- Reverse engineered the fingerprint driver of Acer Swift 3 laptop for Linux compatibility ([effort archive](#)).
- Completed an Advanced AI & ML course  by NIT Warangal, augmenting knowledge in cutting-edge tech.

## POSITIONS OF RESPONSIBILITY

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- **Core Team Member @ Code 4 Gov Tech (C4GT), IIIT Lucknow** Dec 2023 - Present
- **Senior Member of FOSS & Web Wing @ Axios, Technical Club of IIIT Lucknow** Nov 2022 - Sep 2024
- **Intellect Support @ Aman Dhattarwal's Discord Server** Mar 2021 - Aug 2023

## TECHNICAL SKILLS

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Rust, Ruby, Kotlin, Java, C, C++, Python, JS, Bash, Nix, Elisp, Regex, DSA, OOPs, DBMS, OS, Computer Networks, Hadoop, Spark, Hudi, Hive, Beeline, Yarn, HDFS, GCS, Presto, React.js, Express.js, VueJS, Electron.js, Numpy-stack, Kotlinx.coroutines, Discord API, Firebase, Flutter, Linux, Git, Emacs, Neovim, Docker, Ghidra, Rizin Cutter, Wireshark, Chef, Puppet, Ansible, Github CI, Vagrant.