

Animesh Sahu

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EDUCATION

• Indian Institute of Information Technology

Bachelor of Technology in Computer Science; CGPA: 9.02

Lucknow (UP), India

2021 - 2025

EXPERIENCE

• 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

• 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

- 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

• 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 Dhatarwal's Discord Server

Mar 2021 - Aug 2023

TECHNICAL SKILLS

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.