

Name: Chirag Thakur

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EDUCATION

National Institute of Technology Hamirpur

Bachelor of Technology in Computer Science and Engineering; CGPA: 9.37 / 10

Hamirpur, Himachal Pradesh, India

Jan 2016 - July 2021

WORK EXPERIENCE

Amazon

Software Development Engineer Intern

Berlin (Remote - Bangalore, India)

Jan 2016 - July 2021

- As part of the AWS On Demand Billing Team, I designed and implemented a tool that alarms users about long running Step Function executions without stopping the execution. Built the product in a generic way so that any team at Amazon can use it.
- Onboarded the service owned by my team to use this alarming mechanism.

PROJECTS

TenWork [Github]

- Built a terminal based app that allows users to communicate and send data to other users connected over a same network.
- Implemented chat-room feature for simultaneous communication between various groups of users.
- Used client-server model where server acts as a relay for communication between clients.

HackOnStack [Github]

- Built a website where users can share their knowledge by asking and answering questions.
- Implemented functionalities like upvoting/downvoting posts, reports, weekly leaderboard.
- Used Python (Flask) for Back-End development and MySQL for database management.

ExePlore [Github]

- Organized an online gaming event which consisted of JS and WebGL games during Annual Technical Fest NIMBUS 2019.
- My major work was on Back-End development for which we used Python (Flask).
- The application received around 135,000 requests during the event. About 130 users participated in the event.

ACHIEVEMENTS

ACM ICPC [ICPC ID]

- 2019 ICPC Asia Kanpur Regional Contest: Ranked [15th](#) out of 92 teams.
- 2019 ICPC Asia Amritapuri Doublesite Regional Contest: Ranked [41th](#) out of 313 teams.

Codechef [handle: [chirag11032000](#)]

- Maximum Rating: 2315 (6-star). Ranked among top 100 Indians on platform.
- Ranked [36th](#) globally (12th in India) out of 679 participants in July Long Challenge 2019 Div 1.
- Ranked [30th](#) globally (13th in India) out of 346 participants in October Mega Cook Off 2019 Div 1.

Codeforces [handle: [chirag11032000](#)]

- Maximum Rating: 2033 (Candidate Master). Ranked among top 150 Indians on platform.
- Ranked [54th](#) globally (4th in India) out of 5578 participants in Codeforces Round 562 Div 2.

Google Coding Competitions

- Code Jam 2019: Cleared Qualification Round, Round 1 and advanced to Round 2, and got a rank [2059](#) in it. A total of 31,663 participants competed in Qualification Round.
- Kick Start Round D 2019: Ranked [144th](#) globally out of 2000 participants.
- Kick Start Round A 2019: Ranked [185th](#) globally out of 3305 participants.

CO-CURRICULAR

CSEC-NITH: Hosted 31st and 32nd iteration of CSEC's monthly programming contest **Heuristics**. Conducted regular weekly programming meets as part of the departmental Computer Science Society at NITH.

Team .EXE: Hosted 6th iteration of programming contest **Game of Codes** and **Debugging contest** event during the annual technical fest **NIMBUS 2k19** as part of the departmental Computer Science team at NITH.

SKILLS

Programming Languages: C++, Python, Typescript

Technologies: Flask, Git, GNU/Linux, Socket Programming in Python, AWS Step Functions, AWS Lambda Functions