

Anurag Yadav

LinkedIn Github Website Codeforces Leetcode

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EDUCATION

- **Indraprastha Institute of Information Technology, New Delhi** CGPA: 8.18
B.Tech(ECE), 2019-2023
- **Adash Vidya Bhawan Public School, New Delhi**
CBSE(XII), 2018-2019 Percentage: 91.8
CBSE(X), 2016-2017 CGPA: 10.0

SKILLS

- **Programming Languages** : C++, Python, Java, Javascript
- **Technologies & Tools**: AWS, Git, React, MySQL, Django
- **Technical Electives**: DSA, DBMS, Computer Networks, Machine Learning, Computer Vision, Distributed Systems

EXPERIENCE

- **Expedia Group** (Software Development Engineer) (Aug 2023 – Present)
 - **Software Development Engineer - I** (Aug 2023 – Mar 2025)
Software Development Engineer - II (Apr 2025 – Present)
 - Focus on **network infrastructure automation**, improving processes to be **efficient, cost-effective, and easier to manage**.
 - Built automation for monitoring NDM using **Datadog** and **DogStatsD**, enhancing observability and alerting.
 - Major Tech Stack: **Python, AWS, Javascript**
- **Cloud Labs @ IIID** (Software Developer) (Aug 2022 - June 2023)
 - Designed and implemented a web-based solution that allowed remote access to hardware resources using **Django, JavaScript, HTML, Bootstrap** and **Scripting**.
 - Served over **22,000+** bookings and **100s of active users**
- **Expedia Group** (SDE Intern) (May 2022 - July 2022)
 - **Streamlined** the process of **network requests** by automating it, resulting in significant time savings.
 - Utilized a tech stack consisting of **Flask, JavaScript, Python**, and **AWS Lambda** to achieve these objectives.
- **Iuraverse** (Software Developer) (Feb 2023 - May 2023)
 - Created and deployed various APIs using **AWS, Python** and **JavaScript** as a backend developer
 - Enhanced the project's frontend with **Reactjs** and **Redux**, collaborating with a team to ensure it met functional and technical requirements

PROJECTS

- **Microsoft Engage 2021** Github (June 2021 - July 2021)
 - Mentoring by Microsoft Employees . Developed a Fully Functional Prototype App of Microsoft Teams.
 - Tech Stack **Agile Scrum Methodology** , **Flutter,Dart,Agora SDK API**
- **Color Switch Game** Guide: Dr. V. Raghava Mutharaju Github (Sep 2020 - Dec 2020)
 - Developed a clone of a popular Android/IOS game, working with animations using **JavaFX** and using **OOPS** concepts, along with features to save & load games using **Serializable interface**.
- **Shopify** Guide: Dr. Mukesh Mohania Github (Jan 2022 - Apr 2022)
 - Designed a system that maintains the **Database** of a Shopping website along with its Fully Functional **Website**.
 - Techniques like **Normalization & Indexing** have been used to create the tables in the database.
 - Meets **stakeholder** needs, offers efficient solutions, and fosters connections between sellers and customers.
 - **React.JS ,Node.JS** and **MySql** has been used.
- **Dream Team Creator** Guide: Dr. Jainendra Shukla Github (Aug 2021 - Nov 2021)
 - Made a model that will make a team which will win the tournament by using the data present online.
 - Models such as **Logistic regression** , **naive bayes** , **decisions tree** , **Random forest** were used.
 - Analysed the **correlation** of features with winning and narrowed down the features.
- **Risc V Assembler** Guide: Dr. Sujay Deb Github (Aug 2021 - Nov 2021)
 - Developed a C++ program that converts assembly code in string format to **32-bit binary code**.
 - designed a simulator that simulates a subset of **RISCV(RV32) ISA** in C++.
 - Simulator Stages **Instruction Fetch, Decoding,Execution, Memory, Writeback**

POSITIONS OF RESPONSIBILITY

- Volunteer -ESYA (Tech fest) Event - Design Hackathon (August 2019)
- Community Volunteer - Rising Star Khilte Chehre (NGO) (May 2021 - Jul 2021)

AWARDS & ACHIEVEMENTS

- **Expert max-1604 on Codeforces (1929Hrs07)**
- **Google Hashcode** : All India Rank: 90, Global Rank: 553
- **Google Kick Start Round F 2022 Rank - Global Rank 585**
- **Reply Challenge'21 - All India Rank 24 , Global Rank 166**
- **4 star on CodeChef**