Dhanraj Chaurasia

Software Development Engineer Intern @Zepto

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dhanraj-chaurasia dhanrajchaurasia

Education

- **Motial Nehru National Institute of Technology Allahabad.** December 2020 - Present.
  - Bachelor of Technology – Electronics and Communication Engineering. Current CPI: **8.17** (**6th** semester).
- **Nalin Public Inter College, Asrawe Kalan, Allahabad.** June 2020.
  - Intermediate(12th) – Physics, Chemistry and Mathematics. Percentage: **81.2%**
- **Nand Kishore Inter College, Preetam Nagar, Allahabad.** June 2018.
  - Matriculation(10th) – Science and Mathematics. Percentage: **83.5%**

Experience / Internship

- **Software Development Engineer Intern @Zepto** (May 2023 - Present)
  - Enhanced service quality by implementing a REST-API to provide comprehensive quality metrics for the rider application.
  - Streamlined data management by seamlessly integrating AWS Redshift with Postgres databases and optimized data queries.
  - Created an intuitive frontend design using React Native to visualize and present quality metrics effectively.
  - **Techs: GO, GORM, Fiber, React.js, React-Native, JavaScript, TypeScript, SQL, PostgreSQL, AWS Redshift, Visual Studio Code.**

Personal Projects

- **ViewHub (Made in Avishkaar)** Nov 2022 | **Github Link**
  - Developed a website with secure login/signup system with user authentication, allowing user to access private and public scopes.
  - Implemented favorite, playlist, likes and comments functionality for user to organize, manage, engage and provide feedback on their content.
  - Created a secure file management system with upload and download capabilities facilitating seamless file handling in private and public scopes.
  - **Techs: Django, SQLite3, Python, BootStrap, Visual Studio Code.**
- **AR-Curve (Made in Hack36 5.0)** March 2023 | **Github Link**
  - Developed an android app with AR capabilities, allowing users to map images, videos, and files to interactive 3D models for enhanced learning.
  - Created a captivating frontend site showcasing the practical applications of AR and its benefits in solving real-world challenges.
  - Utilized AR (Augmented Reality) technology to tackle complex problems and improve learning outcomes in the android app delivering innovating solutions and unique immersive learning experience.
  - **Techs: Unity Engine, Vulforia Library, Bootstrap, EJS, Node.js.**

Achievements and Honors

- **ACM-ICPC** (An prestigious international collegiate programming competition) | **Certificates**
  - Secured **AIR 99** in **ICPC Amritapuri 2022 Qualifier Round** (2023) amidst **2350** teams.
  - Secured **AIR 73** in **ICPC Amritapuri 2021 Regionals Round** (2022) amidst **146** teams.
  - Secured **AIR 77** in **ICPC India 2021 Preliminary Online Round** 2021 (2022) amidst **4992** teams.
- **Google Coding Competitions** | **Certificates**
  - Secured **Global Rank 280 (AIR 180)** and **462 (AIR 306)** in the **Kick Start Round G** (2022) and **Round D** (2022) amidst **12.3K+** contestants.
  - Secured **Global Rank 1198 (AIR 80)** in the **Code Jam Qualification Round** (2022) amidst **32K+** contestants.
  - Secured **Global Rank 1760 (AIR 497)** in the **Hash Code Qualification Round** (2022) amidst **10K+** teams.
  - Secured **Global Rank 304 (AIR 74)** and **365 (AIR 104)** in **Farewell Round C** (2023) and **Round B** (2023) amidst **8K+** contestants.
- **Meta Coding Competitions** | **Certificates**
  - Secured **Global Rank 973 (AIR 148)** in **Hacker Cup Round 2** (2022) amidst **5000+** contestants.
  - Secured **Global Rank 1331 (AIR 237)** in **Hacker Cup Round 1** (2022) amidst **12,000+** contestants.
- **CodeForces | Expert (Max. Rating 1726)** | Solved 2000+ Problems | **Profile**
  - Secured **Global Rank 318 (AIR 26)** and **221 (AIR 47)** in the **Educational Round 134 (Div.2)** (2022) and **866 (Div.2)** (2023) amidst **22K+** contestants.
- **CodeChef** | **5* (Max. Rating 2046)** | Solved 300+ Problems | **Profile**
  - Secured **Global Rank 6 (AIR 3)** and **18 (AIR 10)** in the **Starters 80 (Div.2)** (2023) and **73 (Div2.)** (2023) amidst **4000+** contestants.
- **MNNIT Avishkaar** (An annual technical fest of MNNIT Allahabad) | **Certificates**
  - **First Place** in **Quintathelon (Software Domain)** (an individual mock placement event) under **Electro Mania** (2022) amidst **150+** contestants.
  - **Second Place** in the **Codotron** (an ICPC-based team event) under **Electro Mania** (2022) amidst **30+** teams.
  - **Second Place** in the **Code Start 5.0** (a team coding event) under **Weekend of Code 5.0** (2022) amidst **100+** teams.
  - **Third Place** in the **Code of the Day** (an individual coding event) under **Cyber Quest** (2022) amidst **450+** contestants.

Position of Responsibility

- **Problem Setter** at **HackerEarth**, **iMocha** and **Codedrills**.
- **Algorithms Lead**, **Computer Coding Club, MNNIT Allahabad**.
  - Organized diverse algorithms events and workshops, cultivating a dynamic learning environment for juniors' growth.
  - Led placement and internship mock rounds, preparing member for real-world challenges and boosting their confidence.
  - Curated problem set for coding events, fostering innovation and challenging participants in algorithmic problem-solving.
- **Problem Setter**, **Electro Mania, MNNIT Allahabad**.
  - Organized and curated problems for mock internship rounds while providing guidance to juniors.

Technical Skills

- **Programming Language:** C, C++, Python, Java, GO, JavaScript and TypeScript.
- **UI Tools, VCSs and IDEs:** HTML, CSS, Git, Github, PyCharm, Postman, Android Studio, GoLand and Visual Studio Code.
- **Framework and Libraries:** Django, GORM, Fiber, React.js, Node.js and React Native.
- **Database:** SQL, PostgreSQL, SQLite3 and AWS Redshift.
- **Others:** Data Structures, Object Oriented Programming, Computer Networks and DBMS.