

Jahedul Alam Junaed

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Experience

Orbitax Bangladesh Ltd. | Associate Software Engineer

March 2023 - Present

- Implemented orbitax's support ticket creation feature, empowering clients to report and address issues encountered while utilizing orbitax's tools
- Designed and implemented a timer component, effectively resolving multiple bugs and significantly reducing redundant code writing efforts for other developers
- Currently developing a video meeting feature for orbitax meetings

Competitive Programming

- Learned various core and advanced algorithms and data-structures on graphs, trees, string, number theory, dynamic programming.
- Codeforces - Max Rating: 1573 [Handle: [NowshadJunaed](#)]
- CodeChef - Max Rating: 1731 [Handle: [nowshad_junaed](#)]
- Solved 1800+ problems in various online judges

Mentorship

- Mentored 10+ freshman students to teach different algorithms, data structures, and programming.

Education

B.Sc, Computer Science and Engineering

Feb 2018 - Feb 2023

Shahjalal University of Science and Technology • Sylhet, Bangladesh • CGPA - **3.71** / 4.00

Projects

Shopaholic 🌐

- Developed an E-Commerce site with Node.js and React, integrating three APIs: E-Commerce, Bank, and Supplier APIs.
- Implemented a transaction flow where users make payments, the E-Commerce pays the supplier, and the supplier delivers products to the shipping address.

Brevity 🌐

- Built a blog site for experience and resource sharing using the Flask framework.
- Enabled a platform for experts to share experiences and for beginners to seek guidance and resources.

Dynamic Programming Simulator (DP simulator) 🌐

- Developed a visualizer for simulating DP problems using JavaFX.
- This project can simulate six different types of dynamic programming based problems e.g, 0-1 Knapsack, Coin Change, Longest Increasing Subsequence, Longest Common Subsequence, Matrix Chain Multiplication, Edit Distance.

Honors & Awards

- Organizer of VITD shared task (Task 1) endorsed by [BLP Workshop @ EMNLP 2023](#)
- Top 10 in 10 language tracks, SemEval 2023: Multilingual Complex Named Entity Recognition
- Ranked 5th in SemEval 2024: Numeral-Aware Headline Generation

Research Experience

• garNER at SemEval-2023: Simplified Knowledge Augmentation for Multilingual Complex Named Entity Recognition | [paper link](#)

- Proposed a knowledge augmentation approach by directly extracting information from Wikipedia API and adding it to input sentences.
- Applied ensemble methods across multiple models to get the final prediction

• Vio-Lens: A Novel Dataset of Annotated Social Network Posts Leading to Different Forms of Communal Violence and its Evaluation | [paper link](#)

- Proposed a novel framework for annotating online violence inciting comments
- Proposed a novel dataset of 6046 annotated social media comment and benchmark evaluation of the dataset

• BLP-2023 Task 1: Violence Inciting Text Detection (VITD) | [paper link](#)

- Presented the comprehensive technical description of the outcome of the VITD shared task
- 27 teams consisting of 88 participants participated in this shared task

Skills

Object-oriented Programming (OOP), Java, Python, C#, JavaScript, Node.js, React, Flask, SQL, MongoDB, ASP.NET Core, Angular, Problem Solving, Data Structure, Algorithm, Natural Language Processing, Machine Learning