NISHI KANTA PAUL

✉ nishikantapaul108@gmail.com 📞 +8801767705861 📍 Sylhet ⌨ Paul72 in Paul72 🔗 Paul72

Education

B.Sc. in Computer Science and Engineering,   2020 – 2024
Ahsanullah University of Science and Technology   Dhaka, Bangladesh
CGPA: **3.749** out of 4.00 (7th out of 100)

Teaching Experience

Competitive Programming Mentor(Remote), *Shohoj Coding*   09/2024 – present
Taught topics such as Graph Theory, Number Theory, and Data Structures.

Research Experience

Voluntary Researcher   02/2025 – present
AI-Driven Parkinson's Disease Screening System
University of Alabama at Birmingham & Temple University (Remote)
Collaborating with Shehan Irteza, Ph.D. Student at UAB, and Rahad Arman Nabid, Ph.D.
Student at Temple University

Industry Experiences

Trainee Software Engineer, *Brain Station -23 PLC*   03/2025 – present
Frontend Developer (HTML , CSS , JavaScript , TypeScript , React , Next.js)   Dhaka, Bangladesh

Publications

Video-based Driver Distraction Detection using Transfer Learning: Bangladesh Perspective (Published) ⧉
International Conference on Advances in Computing, Communication, Electrical and Smart Systems 2024

Skills

Programming Languages
Python (Pandas, NumPy, Matplotlib, Scrapy, Seaborn, Plotly, PyTorch, TensorFlow, Keras, Scikit-Learn, NLTK, spaCy, Transformers, OpenCV), C++, C, C#, Java, JavaScript, Express, Next.js, TypeScript, HTML, CSS, PHP

Frameworks
ASP.NET MVC, React, Node.js, Redux, JavaFX

Databases
MySQL, MongoDB, Firebase, MS SQL Server

Tools
Git, GitHub, Linux, Postman, LaTeX, Jupyter Notebook, Google Colab, Hugging Face

Competitive Programming Profiles

Solved 3000+ problems in various online judges.

Codeforces, *Handle : Paul72* ⧉
Max rating: **1396**, Solved **1000**+ problems, Top **~10%** among **~6M+** registered users

Codechef, *Handle : Paul72* ☒
Max rating: **1570**, Solved **100**+ problems, Top **~15%** among **~1M+** registered users

Leetcode, *Handle : Paul72* ☒
Solved **450+** problems, Top **~20%** among **~3M+** registered users

Toph, *Handle : Paul72* ☒
Solved **250+** problems, Top **~10%** among **~150K+** registered users

Stopstalk, *Handle : Paul72* ☒
Solved **1700**+ problems in various online judges, Top **~5%** among **~1M+** registered users

Achievements

Scholarships & Academic Honors
- **Scholarship for Outstanding Academic Performance – Spring 2020** ☒ *(CGPA: **3.98**, Batch Position: 1st)*
- **Khondakar Ahmed Muktadir and Mosammat Khodeza Begum Scholarship – Fall 2022** ☒

Programming Contests
- **ICPC Asia Dhaka Regional Contest 2023** ☒ – **Rank: 116th** *(Team: AUST_Tactless)*
- **Intra AUST Programming Contest – Spring 2022** ☒ –**Rank: 1st** *(Team: AUST_Durnibar)*
- **Intra AUST Programming Contest – Fall 2021** ☒ – **Rank: 2nd** *(Team: AUST_Durnibar)*
- **CodeCombat 1.0** ☒ – **Rank: 6th** *(Team: AUST_Durnibar)*

Competitive Programming – Problem Setting & Testing
- **Problem Setter:** *D. Room Arrangements* ☒ *(Number Theory & Optimization), E. Relief* ☒ *(Binary Search), E. ScoreCraft: Mastering the Interview Game* ☒ *(Dynamic Programming), C. AUST Canteen Treat* ☒ *(Simulation & Mathematical), F. Free Kick Master* ☒ *(Implementation).*
- **Problem Tester:** *CEFALO Intra AUST Fall 2022* ☒ *– A. FavNum, D. Red Blue Green, E. Beautiful Triplets, G. Bappi Football Pro League Fall 2022, H. Make It a Diamond, I. Not so Simple Permutation, K. Sad Dinosaur, L. Sajid the Programmer.*

Projects

Restaurant-Admin-Panel ☒
Developed and maintained a responsive Restaurant Admin Panel using Next.js, PrimeReact, and Tailwind CSS, enabling real-time menu and order management with form validation and efficient state handling

LibLMS ☒
Developed a full-stack Library Management System (LibLMS) using React, Tailwind CSS, ShadCN UI, and PHP backend, featuring book borrowing, PDF downloads, return tracking, user notifications, reviews, and advanced search.

SnapShop-Customer ☒
Developed a responsive e-commerce platform using React, TypeScript, Tailwind CSS, and Context API with features like product browsing, cart/wishlist management, authentication, multilingual support, and payment integration.

References

Forhad An Naim, *Staff Engineer I (Chief Engineer),* Samsung R&D Institute Bangladesh
developermithun1990@gmail.com, 01675584888

Mr. Mohammad Moinul Hoque, *Associate Professor,* Ahsanullah University of Science and Technology
moinul@aust.edu, 01817579779