

TARIN PROSAD GHOSH

Address: Jashore, Khulna, Bangladesh
Phone: +8801859093806
Email: tarinprosadghosh@gmail.com
LinkedIn: [linkedin.com/in/durjoy-ghosh-just](https://www.linkedin.com/in/durjoy-ghosh-just)
GitHub: github.com/DurjoyGH



CAREER OBJECTIVE

A motivated Full Stack Developer and competitive programmer seeking a software development role where I can build scalable, real-world applications while leveraging strong problem-solving skills, full-stack expertise, and a passion for clean, efficient code.

EDUCATION

B.Sc. (Eng.) in Computer Science & Engineering

Jashore University of Science and Technology, Jashore, Bangladesh
Passing year: April, 2026 (Expected)

Higher Secondary Certificate (H.S.C)

Daulatkhan Govt Abu Abdullah College, Bhola, Barishal, Bangladesh
Passing year: 2020

Secondary School Certificate (S.S.C)

Daulatkhan Govt High School, Bhola, Barishal, Bangladesh
Passing year: 2018

TECHNICAL SKILLS

Programming Languages: C, C++, Python, Java, JavaScript

Frontend Development: HTML, CSS, React.js, Next.js, Tailwind CSS, Bootstrap, EJS

Backend Development: Node.js, Express.js

Database Management: MongoDB, MySQL, PostgreSQL

Tools & Technologies: Git, GitHub, Prisma, JWT, Cloudinary, Firebase

Familiar With: AWS, Nginx, Docker, GitHub CI/CD

Core Concepts: Data Structures, Algorithms, Object-Oriented Programming (OOP)

Soft Skills: Problem Solving, Communication, Teamwork, Adaptability

COMPETITIVE PROGRAMMING

Codeforces — Handle: [DurjoyGH](https://codeforces.com/profile/DurjoyGH)

Solve Count: 765 | Max Rating: 1214 (Pupil)

CodeChef — Handle: [durjoy_gh](https://www.codechef.com/users/durjoy_gh)

Solve Count: 147 | Max Rating: 1419 (2 Star)

Vjudge — Handle: [Durjoy_24742](https://vjudge.net/user/Durjoy_24742)

Solve Count: 56

UNDERGRADUATE PROJECTS

LifeTech — An online paper submission and review system for conferences — [Live Link](#) | [GitHub](#)

- Paper submission with file upload, metadata entry, and submission tracking
- Peer review system to evaluate submitted papers and provide feedback
- Admin dashboard to manage conference details, users, submissions, and assign reviewers
- *Tech Stack*: Node.js, Express.js, React.js, MongoDB, Tailwind CSS, Firebase, Docker, GitHub CI/CD

AutoCP — AI-based platform for creating competitive programming problems — [Live Link](#) | [GitHub](#)

- Generate high-quality competitive programming problems using advanced AI models
- Automatically create comprehensive testcases with base, edge, and large cases covered
- Automatic testcase validation by multiple models using Gemini API
- *AI & ML*: LLM Fine-Tuning, Codeforces API Dataset, Hugging Face Hosting
- *Tech Stack*: Python, Node.js, Express.js, React.js, MongoDB, Tailwind CSS, JWT

Pet Nest — A comprehensive pet care platform with e-commerce — [Live Link](#) | [GitHub](#)

- Pet & accessory listings, add-to-cart purchasing, verified veterinarian directory
- Blogs, Q&A, and AI assistance features
- Full management dashboard with order tracking, analytics, and reporting
- Responsive UI with secure authentication and payment gateway integration
- *Tech Stack*: Node.js, Express.js, React.js, MongoDB, Tailwind CSS, JWT, Cloudinary

Share Reads — A community-driven book sharing platform — [Live Link](#) | [GitHub](#)

- Users can add books to the platform with complete details
- Registered users can request to borrow books from others and review books
- Real-time notification system for book owners to accept or decline requests
- *Tech Stack*: Node.js, Express.js, EJS, Bootstrap, MongoDB, Passport.js, Firebase

AutoCard — A digital library card management system — [Live Link](#) | [GitHub](#)

- Online application system for library cards with real-time status tracking
- Instant digital card generation upon approval with seamless library system integration
- Intuitive user interface with secure authentication for managing and renewing cards
- *Tech Stack*: Node.js, Express.js, React.js, MongoDB, Tailwind CSS, JWT

Smart Mirror — An IoT-based smart mirror with facial recognition and task management

- Facial recognition system using Pi Camera to identify users and display personalized daily tasks
- Integration with Todoist API to fetch and display user's task list in real-time
- Always-on display showing time, date, and location-based temperature information
- *Tech Stack*: Raspberry Pi, Pi Camera, Pi Display, Python, OpenCV, MagicMirror Platform, Todoist API

ACHIEVEMENTS

- **SOLVIO AI Hackathon 2025** — Organized by Sheba Platform [\[Certificate\]](#)
Team JUST DOMinators secured **Top 10 position** in the final round, ranked **Top 20 out of 538 teams** in the preliminary stage
- **HackTheAI** — Inter-University Hackathon by Green University of Bangladesh [\[Rank List\]](#)
Team JUST DOMinators qualified for the final round, ranking **41st out of 242 teams** in the preliminary stage
- **BUP CSE TECH CARNIVAL-2025** — Hackathon Competition [\[Certificate\]](#)
Team JUST DOMinators secured a **top 20 position out of 80 teams**, advancing to the final round

EXTRA CURRICULAR ACTIVITIES

- **ICPC Dhaka Regional Preliminary Contest**
Participated in the ACM ICPC Dhaka Regional Preliminary Contest in 2021, 2022, and 2023
- **National High School Programming Contest 2025**
Served as a volunteer, assisting in organizing and managing the contest to inspire young programmers and support the competitive programming community
- **North Western University CSE FEST 2025 — Datathon Competition**
Participated as a team member of JUST_Alumni_Vhorta, working on data analysis and problem-solving challenges

WORKSHOP

- **Seminar on Explainability in Software Engineering**
Organized by Department of CSE, JUST
- **Seminar on IT Business Entrepreneurship Development**
Organized by Department of CSE, JUST
- **Web Development Bootcamp (Supported by bongoDev)**
Organized by Department of CSE, JUST
- **Virtual Session on Engineer's Talk: The World of Modern Software Engineering**
Organized by Department of CSE, JUST

PERSONAL INFORMATION

Father's Name: Gobinda Prosad Ghosh
Mother's Name: Cayna Rani Ghosh
Date of Birth: 4 June 2001
Marital Status: Single
Nationality: Bangladeshi
NID No: 8262792818
Permanent Address: 4 NO: Ward, Daulatkhan Pouroshova, Bhola

REFERENCE

Md Kamrul Islam, PhD
Associate Professor
Dept. of Computer Science and Engineering
Jashore University of Science and Technology
E-mail: mk.islam@just.edu.bd

Monishanker Halder
Assistant Professor
Dept. of Computer Science and Engineering
Jashore University of Science and Technology
E-mail: m.halder@just.edu.bd

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SIGNATURE

DATE: 09.01.2026