

NASOR HIDAR

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SUMMARY

Final-year Information and Communication Technology student seeking a mandatory B.Sc. internship. Combines a strong foundation in competitive programming and algorithmic problem-solving with hands-on experience architecting scalable, secure web applications using Django and the MERN stack.

EDUCATION

Jahangirnagar University **Feb 2023 – Expected May 2027**
B.Sc. in Information and Communication Technology, Attending CGPA: 3.70 (Up to 5th semester)

TECHNICAL SKILLS

| | |
|-------------------------------|---|
| Languages | Python, JavaScript (ES6+), C, C++, Java, SQL, HTML, CSS |
| Frameworks & Libs | Django, React.js, Node.js, Express.js, Tkinter, NumPy, Pandas |
| Databases | PostgreSQL, MongoDB |
| Security & Testing | RBAC, VAPT (Burp Suite), PyTest, Jest, Selenium, Postman |
| Tools | Git, GitHub, Linux, RESTful APIs |

CERTIFICATIONS & ACTIVITIES

- **Arena Web Security Certification: Cyber Security and Ethical Hacking** (A58W0302S061) Feb 2026
- **HackerRank Certifications:** Software Engineer Intern (OD02023FD131) Mar 2026
- **Competitive Programming:** Codeforces (Rating 1254, 500+ solved) | CodeChef (Rating 1244, 50+ solved)
- **Contests:** Participant in ICPC Asia Dhaka Regional Preliminary (2023, 2025) | IEEE Xtreme 19.0

PROJECTS & OPEN SOURCE

OWASP DefectDojo — Open Source Contributor **Mar 2026 – Present**

- Enhanced data retrieval capabilities for API consumers by engineering missing `django-filter` timestamp logic within the core Django backend, successfully navigating a rigorous 150+ check CI/CD pipeline. **Merged PR #14754**

SkillCurrency — Scalable Financial & Career Hub **Jan 2026 – Present**

- Engineered a full-stack platform using Django and PostgreSQL, optimizing backend architecture to ensure data consistency across concurrent user sessions.
- Implemented Role-Based Access Control (RBAC) and a custom transaction tracker to secure data flows across 3 distinct user tiers. **Live Demo | GitHub**

ChatNest — Secure Messaging Application **Jun 2025 – Nov 2025**

- Architected a MERN-stack messaging application, integrating robust JWT authentication to successfully handle 100+ concurrent socket connections with AES-256 encrypted routing. **Source Code | GitHub**

Customer Queue Management System — CPU Scheduling Simulator **Jan 2025 – May 2025**

- Developed an interactive Python/Tkinter CPU scheduling simulator, algorithmically benchmarking wait times against 5+ standard OS models with real-time Gantt charts. **Source Code | GitHub**

LEADERSHIP AND EXTRACURRICULAR ACTIVITIES

IEEE Student Branch, Jahangirnagar University Dhaka, Bangladesh
Treasurer Feb 2026 – Current

- Coordinated technical events including IEEEExtreme, TEHI Conference, and Data Analysis Workshops.

Futurenation (UNDP & Grameenphone Initiative) Dhaka, Bangladesh
Volunteer Apr 2026 – Current

- Selected to assist in community development and initiatives aimed at accelerating youth economic opportunities.