

CONTACT

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github.com/NI-Tushar

TECHNICAL SKILLS

Backend Development
• PHP • Laravel • Node.js • Express.js • RESTful APIs • OOP

Database & ORM
• MySQL • SQL • MongoDB • Oracle Database

Frontend Development
• React.js • Tailwind CSS • Bootstrap • JavaScript (ES6+) • HTML5 • CSS3

Programming Languages
• Python • JavaScript • PHP • TypeScript • C • C++ • C# (.NET) • Java

AI & Machine Learning
• Machine Learning • ANN • CNN • Deep Learning • OpenCV • TensorFlow • PyTorch • PyTorch Lightning • Scikit-Learn • EasyOCR • Pytesseract • Image Processing • Data Analysis

Tools & Office
• Git • GitHub • Postman • Figma (UI/UX) • MS Excel • MS Office • Google Docs & Sheets • PowerPoint

ADDITIONAL SKILLS

Desktop & Systems (C / C++ / Java / .NET)
• C (80%) • C++ (70%) • Java (65%) • C# .NET (55%) • OOP

Data Science & Machine Learning
• Python (75%) • Machine Learning (75%) • ANN (65%) • Scikit-Learn

Computer Vision & OCR
• OpenCV • Image Processing (IEEE Published) • EasyOCR • PyTorch

Technical & Content Writing
• Content Writing (93%) • Technical Documentation • Research Papers

Office & Productivity Suites
• MS Office & Google Docs (96%) • PowerPoint Presentations (94%)

Spreadsheet Modeling & Analytics
• MS Excel & Google Sheets (92%) • Formulas • Business Reports

UI/UX Design & Branding
• Figma UI/UX (55%) • Wireframing • Brand & Banner Assets (65%)

NI TUSHAR

SOFTWARE ENGINEER | FULL-STACK DEVELOPER | AI ENTHUSIAST

PROFESSIONAL SUMMARY

Results-driven Software Engineer with 5+ years of hands-on experience in architecting, developing, and deploying scalable web applications and digital automation solutions. Expert in PHP, Laravel, Node.js, Express.js, React.js, Tailwind CSS, Python, and relational database systems (MySQL/SQL). Proven track record of developing full-stack web platforms, designing optimized database schemas, and integrating machine learning workflows. Passionate about clean code, high performance, and delivering measurable impact.

EXPERIENCE SUMMARY

5+	15+	91+	4	1	100%
Years Experience	Web Apps Delivered	GitHub Repositories	Companies Experience	IEEE & ResearchGate Paper Published	Deployed & Live

CORE TECHNICAL EXPERTISE

Web Apps | Database | REST APIs | ERP Systems | ML & AI | Vision | Automation

- ✓ Full-Stack Web Engineering
- ✓ Database Design & Tuning
- ✓ Cloud Deployment & Caching
- ✓ Role-Based Access Control (RBAC)
- ✓ Scalable & Secure REST APIs
- ✓ Third-Party API Integrations
- ✓ Deep Learning & Image Analysis
- ✓ Client Requirement Engineering
- ✓ High Code Quality & Optimization

WORK EXPERIENCE

Technical Team Lead
Yess Bangla Private Limited

Tech Stack: PHP, Laravel, Node.js, React.js, MySQL, Tailwind CSS

Mirpur, Dhaka, Bangladesh | 2025 – Present

- Led the development of full-stack web applications, ERP systems, and scalable software solutions while overseeing the technical team.
- Designed system architectures, managed database structures, and implemented backend APIs across multiple in-house and client projects.
- Coordinated project planning, delegated development tasks, collaborated with clients, and ensured timely delivery of quality software solutions.

Full-Stack Developer
Fleek Bangladesh Software

Tech Stack: PHP, Laravel, Node.js, React.js, MySQL, Tailwind CSS

Baridhara DOHS, Dhaka, Bangladesh | 2024 – 2025 (1.5 Years)

- Developed full-stack web applications, delivering responsive frontend interfaces and secure backend APIs.
- Architected relational database models, optimized complex queries, and maintained data integrity in MySQL.
- Collaborated directly with clients to gather requirements, perform feasibility analysis, and implement custom features.

Sales Executive & Client Solution Specialist
bdCalling IT Limited

Tech Stack: Requirement Analysis, System Prototyping, Client Consulting

Banasree, Dhaka, Bangladesh | 2023 – 2024 (1 Year)

- Consulted with enterprise clients to analyze organizational pain points and define technical solutions.
- Coordinated with development teams to draft technical specifications and develop interactive prototypes.

Backend Developer & Database Designer
Global SoftZone

Tech Stack: PHP, MySQL, REST API, Database Architecture

Mohammedpur, Dhaka, Bangladesh | 2021 – 2022 (1.5 Years)

- Engineered robust backend architecture, scalable APIs, and optimized query execution times in MySQL.
- Designed secure schema structures and contributed to frontend integration for client web platforms.

PROMPT ENGINEERING

• ChatGPT (Codex) • Claude Code • Antigravity • Gemini • GitHub Copilot

EDUCATION

B.Sc in Computer Science & Engineering
BUBT (Bangladesh University of Business & Technology)
2017 – 2022 **CGPA: 2.89 / 4.00**

Higher Secondary Certificate (H.S.C)
Boshurhat Government Mujib College
2015 – 2016 **GPA: 2.19 / 5.00**

Secondary School Certificate (S.S.C)
Kabirhat Model Junior High School
2014 – 2016 **GPA: 5.00 / 5.00**

CERTIFICATIONS & TRAINING

- Machine Learning & Neural Networks
- Full-Stack Web Application Development
- Problem Solving & Algorithmic Design
- Desktop & Database Application Architecture

LANGUAGES

- **Bangla** (Native)
- **English** (Professional Working)

PERSONAL INFORMATION

Father: Md. Mostofa
Mother: Halima Khatun
DOB: 20 Jan 1998
Religion: Islam
Gender: Male
Marital Status: Single
Nationality: Bangladeshi
Permanent Address: Kabirhat, Noakhali

HOBBIES & INTERESTS

Programming | Movies | Web Series | Travelling

KEY ACHIEVEMENTS

- ✓ Published research paper in **IEEE Xplore** & **ResearchGate** on Deep Learning.
- ✓ Built and deployed **15+** complete web applications with database backends.
- ✓ Solved **30+** competitive programming problems on Codeforces & HackerRank.

CORE COMPETENCIES

System Architecture | Machine Learning
Database Design | REST API Design
ERP Solutions | Team Collaboration

RESEARCH PROFILE & PUBLICATIONS

Vehicle Number Plate Detection System Using Image Processing Approach

IEEE Published | ResearchGate Indexed

Artificial Neural Network (ANN) & Machine Learning Approach

DOI: 10.1109/ICCCNT56998.2023.10307006
IEEE Xplore https://ieeexplore.ieee.org/document/10307006
ResearchGate https://www.researchgate.net/publication/375883893

Research Focus
Deep Learning Algorithms, Computer Vision, Image Processing & Neural Architectures.

Achievements
IEEE Published Paper, International Conference Presentation, ResearchGate Indexed.

AI TOOLS & AUTOMATION SPECIALIZATION

Text Processing
NLP, sentiment analysis, text generation & feature extraction.
NLP | NLTK | Scikit-learn | PyTorch

Image Processing
Computer vision, object detection, filtering & CNN models.
OpenCV | TensorFlow | CNN

Video Analysis
Video analysis, frame extraction, tracking & optimization.
FFmpeg | OpenCV | PyTorch

Predictive Analytics
Data modeling, forecasting, regressions & pattern recognition.
Scikit-learn | Time Series | ML

FEATURED PROJECTS & REPOSITORIES

@NI-Tushar Full-Stack Developer | AI Enthusiast — **91** Repositories — **119+** Contributions

EduWise | WiseCorporation | Whatsender | EduPeople-LMS | QuickDigital | WellCare
pvaatoz | GQRC-Generator | School Management ERP | University Management ERP

COMPETITIVE PROGRAMMING

Extensive problem-solving experience participating in competitive programming contests and online judges with 30+ solved problems, strengthening algorithmic thinking, data structures, and time-complexity optimization.

Codeforces | HackerRank | HackerEarth | UVa Judge | StopTalk | Others

DECLARATION

I hereby declare that all the information provided above is authentic and true to the best of my knowledge and belief. I am prepared to present relevant documents and evidence upon request.

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