PREM KUMAR SRIVASTAVA

SOFTWARE DEVELOPER | ML & AI-POWERED APPLICATION BUILDING

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TECHNICAL SKILLS

Programming:	C++, JavaScript, Python, Data Structures & Algorithms
Web Development:	HTML, CSS, React.js, Node.js, Express.js, RestAPI
Databases & Machine Learning:	MySQL, MongoDB, Pandas, NumPy, Scikit-learn
Tools:	Git, GitHub, VS Code, Colab, Figma

INTERNSHIP & EXPERIENCE

IBM Industrial Training | *Artificial Intelligence Application Development* *Jul 2026 – Aug 2026*

- Completed a virtual industrial training program covering AI application development fundamentals, guided project work, and applied learning exercises on the IBM Skills Network platform.

Samsung Innovation Campus | *Coding & Programming* | *R&D* *Sep 2025 – Oct 2025*

- Completed a structured programming course under Samsung Innovation Campus, strengthening core coding and problem-solving skills through hands-on modules.

Cisco Networking Academy | *CyberOps Associate* *Feb 2026*

- Achieved student-level credential in cybersecurity operations, covering network protocols, threat detection, incident response, and endpoint vulnerability analysis.

Indian Statistical Institute, Kolkata (ISEA — MeitY) | *Privacy Preserving Cryptographic Security* *Feb 2026*

- Completed a 5-day short-term course on advanced encryption, authentication, and zero-knowledge proofs under the Information Security Education & Awareness Project Phase III.

PROJECTS

SANGEET | *AI-Powered Music Discovery Platform* | *React.js, Python Flask, MongoDB*
sangeett.netlify.app | github.com/techprem324/sangeet

- Developed a full-stack music discovery platform featuring natural-language mood analysis, personalized music discovery, synchronized karaoke lyrics, user authentication, and playlist management.
- Built using React, Python Flask, REST APIs, and MongoDB, with a responsive interface and cloud deployment.

Portfolio Website | *HTML, CSS, JavaScript* *Jul 2026 – Aug 2026*
techprem324.github.io/portfolio

- Designed and built a personal portfolio with animated hero section, interactive skill and project showcases, and a working contact form.
- Implemented smooth scroll-based animations and modal-based project details to give visitors a polished, interactive browsing experience.

URL Shortener 2.0 | *Node.js, Express* *Oct 2025 – Nov 2025*
url-shortner-1-0.onrender.com

- Built an upgraded link-shortening service with user authentication, custom aliases, and real-time click analytics.
- Added QR code generation for shortened links and handled duplicate and invalid URL cases so the service holds up under normal misuse.

ACHIEVEMENTS & CERTIFICATIONS

- "Entrepreneurship Foundations for Deep Tech Startups" by Turnip Innovations & Qualcomm (Mar 2026).
- "Getting Started with Generative AI" demonstrating a foundational understanding of applied artificial intelligence (Jul 2026).
- Nasha Mukt Yuva under the Mera Yuva Bharat initiative by the Ministry of Youth Affairs & Sports.

EDUCATION

Bachelor of Technology (B.Tech) in Computer Science Engineering *2023 – Present (Expected 2027)*
Brainware University
CGPA: 9.2 (through 6th semester)

Higher Secondary Education (12th Grade) *2021 – 2023*
D.A.V. High School
Percentage: 73%

Secondary Education (10th Grade)
N.D.R.V.
Percentage: 91%

SOFT SKILLS

- Strong problem-solving mindset
- Quick learner with adaptability
- Good communication skills
- Time management and ownership

LANGUAGES

Hindi (Native), English (Professional Working Proficiency)