

# HARIHAR BAJPAI

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## EDUCATION

### VIT Bhopal University

B.Tech in Computer Science Engineering; CGPA: 8.37

Bhopal, India

May 2026

### St. Mary's Inter College

12th Standard; 81.2%

Etawah, Uttar Pradesh

July 2022

### St. Mary's Inter College

10th Standard; 81.8%

Etawah, Uttar Pradesh

July 2020

## TECHNICAL SKILLS

**Languages:** C/C++, Java, Python, SQL

**Web:** HTML, CSS, JavaScript, React.js, Node.js, Express.js, TypeScript, Next.js, TailwindCSS

**Database:** MySQL, MongoDB

**Tools:** Git, Postman, Google Sheets

## WORK EXPERIENCE

### Electronic Arts (EA) Software Engineering Virtual Experience

Remote

Forage Virtual Internship

June 2025

- Proposed and documented a new feature for EA Sports College Football, targeting user retention for a 15% lift.
- Designed a class diagram and authored C++ header files for feature implementation across 3 core modules.
- Patched a live bug by replacing linear data structures with hash-based lookup, reducing response lag by 65%.

### Walmart USA Advanced Software Engineering Virtual Experience

Remote

Forage Virtual Internship

June 2025

- Completed multi-team engineering simulation, delivering 4 fully tested code modules.
- Built a heap data structure in Java that improved task sorting speed by 2.5x in shipping logic.
- Designed UML class diagram for a processor with 3 operating modes and 5+ database configurations.
- Created ER diagram for pet department database system enabling tracking of 100+ daily transactions.

## PROJECTS

### ProHireHub (MERN Stack)

March 2025

- Built a full-stack job portal (MERN) with optimized API and authentication, leading to 70% faster load times and 300+ signups in first week.
- Created RESTful APIs and responsive UI layout, achieving mobile usability and 90% cross-browser compatibility.
- Integrated AI chatbot automating 80% of user queries, reducing manual support by 60%.

### NovelNexus (Frontend Project)

November 2024

- Developed SPA for book reviews using HTML, CSS, JavaScript, increasing session duration by 45%.
- Established responsive design practices, resolving 3 major accessibility issues and improving usability feedback by 40%.
- Incorporated 3D animation effects, improving user interaction metrics by 25%.

## EXTRACURRICULAR & CERTIFICATIONS

### SWAYAM-NPTEL

Cloud Computing

### Ethnus

MERN Stack Developer

### Coursera

Bits and Bites of Computing

### IBM

Blockchain Developer

## ADDITIONAL INFORMATION

**Languages:** English (Fluent), Hindi (Fluent)

**Skills:** Creative Thinking, Analytical Reasoning, Communication, Teamwork, Leadership, Conflict Resolution, Patience, Listening

**Interests:** Technology, Cricket, Travelling, Cooking, Badminton