Nahid Azad
MCKV Institute of Engineering
Howrah, West Bengal, India
Email-Id: nahidazad07@gmail.com
Mobile No.: +91 9748821767
Portfolio [in] [O] [X]

Aspiring to join a reputed organization as a Web Developer, skilled in frontend and backend development, committed to learning and delivering quality solutions, eager to grow while contributing to organizational success.

ACADEMIC DETAILS

Pursuing B.Tech in Computer Science & Engineering (2022-2026) from MCKV Institute of Engineering under MAKAUT. Presently in 7th semester, with an YGPA of 9.26.

Examination	University	Institute	Year	CPI/%
High School	Indian School Certificate	Julien Day School	2022	73
Secondary School	Indian Certificate of Secondary Education	Julien Day School	2020	86.2

TRAINING & INTERNSHIP DETAILS

Full Stack Web Development Training ---- *Globsyn Finishing School*
- Developed HomeAssist, a fullstack service provider web app built with SpringBoot, React, MySQL featuring **3+** core services with secure **JWT auth** and payment integration.
- Engineered **RESTful APIs** and optimized state in React, cutting UI bugs by **40%** using Tailwind CSS.
- Implemented seamless signup/login/logout and booking system, handling multiple simulated transactions.

Edunet Foundation AICTE Internship ---- *18th June 2025 to 30th July 2025(Offer Letter)*
- Chosen from 50,000+ applicants across India for this AICTE-Edunet initiative.
- Built an Employee Salary Prediction Model with **89%** Accuracy.
- Trained and optimized **2+** ML algorithms (Linear Regression, Random Forest).
- Achieved **<10%** Mean Absolute Error (MAE) on test data vs. industry benchmark of **15%**.

PROJECTS

MERN Stack Chat App using TypeScript ---- [O] | *Texts*
- Rebuilt my chat application from **JavaScript (JSX)** to **TypeScript** with 100% type safety across **20+** modules.
- Two-way communication with real-time messaging for over **100+** concurrent users with SocketIO integration.
- Leveraged **TypeScript's** static typing to catch and resolve **50+** potential bugs at compile time.
- Engineered secure authentication and authorization flows, protecting user data for **20+** registered accounts with **JWT** based session management and encrypted routes.
- Automated **CI/CD** deployment to Render.com, streamlining build and release cycles to under **5 minutes**.
- Strongly-typed code with apt comments, reducing onboarding time for new developers by **30%**.

Body Fitness Web App ---- [O] | *Limitless*
- Built a responsive fitness web app using React, HTML, and Material UI with **40+** exercise categories.
- Integrated **RapidAPI** to fetch **1000+** exercises with GIFs, filters, and detailed information.
- Added real-time YouTube suggestions via third-party API with **<200ms** average fetch time; achieved **88+, 96, 93** Lighthouse scores for performance, accessibility, and responsiveness respectively.

Full Stack Service Provider Web App ---- [O] | *HomeAssist*
- Designed and developed a full-stack web application to connect users with trusted home service providers.
- Users can create an account, book multiple services at their selected date and time, manage their bookings from the dashboard and provide reviews to the providers directly.
- Technologies Used: ReactJS, Vite, TailwindCSS, Spring Boot, MySQL, Spring Data JPA, Maven, Git, Netlify.

TECHNICAL SKILLS

Languages (Java), **Script** (JavaScript, TypeScript), **Frontend Web Development** (HTML, CSS, ReactJS, Tailwind CSS), **Backend Web Development** (Express, NodeJS), **Databases** (MySQL, MongoDB), **Tools** (IntelliJ IDEA, Microsoft VSCode, Git, GitHub, Jupyter Note-book, Canva).

EXTRA/CO-CURRICULAR ACTIVITIES

- Adobe India Hackathon 2025
- Smart India Hackathon.
- Captained the Inter College Basketball Team.
- Organizer of student run start-up event in college.

FIELDS OF INTEREST

Web Development, DBMS, Machine Learning, DSA, Data Analytics, Formula One

HOBBIES

Writing Poems, Chess, Gaming, Formula One Enthusiast (Currently building a web app for F1 analytics)

PERSONAL DOSSIER

• Father's Name: Nasim Azad

• Mother's Name: Shirin Akhtar

• Permanent Address: Margram, Birbhum-700202, West Bengal, India

• Date of Birth: 03-03-2004

• Nationality: Indian

• Gender: Male

• Marital Status: Single

• Languages Known: English, Hindi, Bengali, Arabic (Learning)

REFERENCES

- Asish Bose — Assistant Professor, Department of Basic Science and Humanities,
  MCKV Institute of Engineering.
  Phone: +91 98362 50597 | Email: asish.ju@gmail.com

I hereby declare that the above information is true to the best of my knowledge.
Place: Kolkata
Date: May 11, 2025

Nahid Azad
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(Nahid Azad)