

SUPRATIM NAG

Software Engineer (AI/ML Focus)

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A number of complex and scalable web applications have been developed with proficiency in both frontend and backend technologies. Numerous full-stack projects have been successfully designed and implemented. Currently, a focus is being placed on **DevOps**, enhancing deployment pipelines and automation processes. In addition, knowledge in **Artificial Intelligence and Machine Learning (AIML)** is being expanded to incorporate intelligent solutions into projects. Continuous learning of new technologies is being pursued to remain at the forefront of innovation, with a dedication to creating efficient, user-centric applications.

Education

Bachelor of Technology (B.Tech) in Computer Science and Engineering (CSE) Specialization Artificial Intelligence and Machine Learning at MCKV Institute of Engineering Howrah, West Bengal, Expected Graduation: [June, 2026]

- Currently in the 3RD year of the program
- Relevant coursework: Data Structures, Algorithms, Software Engineering, ML, DL, Neural Network, Databases.

Skill

- Experienced in working with various JavaScript libraries and frameworks such as React.js for front-end development.
- Skilled in back-end development using Node.js and Express framework.
- Familiarity with relational databases like MySQL, MongoDB for handling data storage.
- Knowledgeable in PHP for server-side scripting and dynamic web page creation.
- Competent in Python programming language and experienced in using Django framework for web development.
- Confident with problem-solving skills and ability to work both independently and collaboratively in a team environment.
- Effective communication skills and open to learn new technologies and tools.
- Training and deploying ML models

Experience

2024 - 02 -
2024 - 04

Full Stack Web Developer

SPECTRA an inter-college technical event was hosted by MCKV Institute of Engineering. That consists of several technical rounds to compete among participants.

- Led a team of 3 Developers to launch the website and maintenance.
- Built a functional back-end mechanism for the registration of students through the website using PHP and MySQL.
- Maintained audience engagement till the end of the event.

2024 - 05 -
2024 - 09

Full Stack Developer Intern

- Enhanced user experience by developing responsive web designs for seamless cross-device compatibility.
- Developed, coded, modified and debugged application programs of varying degree of complexity with full independence.
- Optimized website performance through efficient code refactoring and implementing best practices in coding standards.

Language

- Fluent in English (written and spoken)
- Comfortable in Hindi
- Beginner in French