

Abhijeet Sarkar

B.Tech(AIML) | Full Stack Developer

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SUMMARY :

B.Tech (AIML) student and Full Stack Developer with expertise in the MERN stack and Python. Proven ability to build scalable web applications, including an AI-driven career platform, and skilled in integrating Machine Learning models (Scikit-Learn, 85%+ accuracy) with data analytics to solve complex problems. Expertise in DevOps practices like DNS Management and SSL Configuration.

INTERNSHIP EXPERIENCE :

Artificial Intelligence & Machine Learning | Prospect Digital, Bhopal (Nov 2025 - Dec 2025).

- Completed a 30-day offline internship focused on integrating AI/ML concepts with full-stack development.
- Developed a menu-driven Simple Bank Management Application using Python, applying core Object-Oriented Programming (OOP) concepts.
- Utilized Streamlit to create an interactive user interface and implemented basic banking functionalities (deposit, withdrawal, balance inquiry) with input validation.
- Gained hands-on experience with frontend (HTML, CSS, JavaScript, React.js) and backend (Node.js) technologies for deploying AI/ML solutions.

TECHNICAL SKILLS :

- **AI/ML** - Python (NumPy, Pandas, Scikit-Learn, Streamlit, FastAPI)
- **Web Technologies (MERN)** - React.js, Node.js, Express JS, HTML5, CSS3, JavaScript (ES6+)
- **DevOps** - Hostinger VPS, DNS Management, SSL Configuration
- **Version Control** - Git & Github.

Concepts: Data Structures & Algorithms (DSA) , OOPs , Basic System Design.

PROJECTS :

❖ My-Portfolio -

- Architected a high-performance personal site using **HTML5, CSS3, and JavaScript**, achieving a 90+ Google PageSpeed Insight score.
- Implemented responsive design for mobile and desktop compatibility.
- Deployed on a custom domain via **Hostinger**, managing DNS records and SSL certification for secure user access.

❖ Career-Ai -

- Engineered an AI-driven career counseling platform using **React.js and Python**, helping Class 12 students navigate career paths based on psychometric interests and academic profiles.
- Developed a predictive recommendation engine using Scikit-Learn (Random Forest/XGBoost), achieving 85%+ accuracy in identifying optimal career domains for users.
- Architected a secure MERN stack architecture with a FastAPI microservice to handle real-time ML inference and high-concurrency user requests.
- Deployed the full-stack ecosystem on a custom domain via **Hostinger**, implementing automated deployment pipelines, **SSL Encryption**, and DNS management for 99.9% uptime.

ADDITIONAL SKILLS :

Creative Skills:

- Video Editing - Premiere Pro , The Vinci Resolve.
- Motion Graphics (Basic) - After Effect , Alight Motion.

EDUCATION :

- (07/2027)**Expected Graduation** | Oriental College of Technology(RGPV), Bhopal | B.Tech (AIML)
- (03/2023)**Higher Secondary** | Nalanda Public School(MPBSE) Bhopal
- (02/2019)**High School** | Model English High School(MPBSE) Betul