

Rajarshi Bhowmik

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Kalyani, West Bengal, India

SUMMARY

Computer Science Engineering student specializing in AI/ML with demonstrated expertise in developing AI-driven solutions for real-world challenges. Patent holder with strong foundation in full-stack development, machine learning, and data structures. Proven track record in hackathons, competitive programming, and technical leadership. Seeking opportunities to leverage technical skills and innovation mindset to solve complex problems at scale.

EDUCATION

JIS College of Engineering Kalyani, West Bengal
Bachelor of Technology in Computer Science & Engineering (AI & ML) Sept 2023 – July 2027

- Relevant Coursework: Data Structures, Algorithms, Machine Learning, Natural Language Processing, Database Systems

EXPERIENCE

Digidenone Remote
Developer June 2025 – Present

- Developing scalable web applications using modern frameworks and cloud technologies
- Implementing AI/ML features to enhance user experience and automate business processes
- Collaborating with cross-functional teams to deliver high-quality software solutions

SaiKet Systems Kalyani, West Bengal
Frontend Developer Intern May 2025 – June 2025

- Designed and implemented responsive user interfaces using HTML, CSS, JavaScript, and modern frameworks
- Optimized web application performance resulting in improved load times and user engagement
- Collaborated with backend teams to integrate RESTful APIs and ensure seamless data flow

Team Byte Gurus Kalyani, West Bengal
Developer Sept 2024 – Present

- Building innovative tech solutions as part of a collaborative development team
- Contributing to full-stack projects utilizing MongoDB, Django, and modern web technologies

Tech Defenders Club JIS College of Engineering
Club Coordinator April 2024 – Present

- Leading technical club activities and organizing coding competitions and hackathons for 100+ students
- Mentoring junior students in programming, data structures, and software development best practices
- Coordinating workshops on emerging technologies including AI, ML, and web development

PROJECTS & ACHIEVEMENTS

SynapseAudit – AI-Powered Code Auditing Platform – Developed a comprehensive AI-powered developer tool for code auditing and security enhancement. Built as a VS Code extension with cross-platform availability (web app, desktop application, Chrome extension), enabling developers to write cleaner, more secure, and original code through automated analysis and intelligent suggestions.

FakeBuster – News Credibility Detector – Engineered a machine learning web application using PassiveAggressiveClassifier and TF-IDF vectorizer to detect and classify news as FAKE or REAL. Implemented instant credibility evaluation system allowing users to verify news headlines and content in real-time.

Agri Care: AI-Powered Plant Disease Defender (Patent Holder) – Developed an AI-powered system for early detection and diagnosis of plant diseases using computer vision and machine learning. Implemented image classification models achieving high accuracy in identifying crop diseases, potentially benefiting agricultural productivity.

1st Prize – App Development Competition – Won first place in college-level app development competition by demonstrating innovative solution design and technical excellence.

TECHNICAL SKILLS

Programming Languages: Python, JavaScript, Java, C++, SQL
Web Technologies: HTML, CSS, React, Django, Node.js, RESTful APIs
AI/ML: TensorFlow, PyTorch, Scikit-learn, NLP, Computer Vision, Predictive Analytics
Databases: MongoDB, MySQL, PostgreSQL
Tools & Platforms: Git, GitHub, Docker, AWS, VS Code Extensions, Web Hosting, Linux
Core Competencies: Data Structures, Algorithms, System Design, Full-Stack Development, Agile Methodologies, Software Security