

Rajarshi Bhowmik

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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 and technical leadership roles. Seeking opportunities to leverage technical skills and innovation mindset to solve complex problems at scale.

Education

JIS College of Engineering

Bachelor of Technology in Computer Science & Engineering (AI & ML)

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

Kalyani, West Bengal

Sept 2023 – July 2027

Experience

Digidenone

Developer

- 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

Remote

June 2025 – Present

SaiKet Systems

Frontend Developer Intern

- 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

Kalyani, West Bengal

May 2025 – June 2025

Team Byte Gurus

Developer

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

Kalyani, West Bengal

Sept 2024 – Present

Tech Defenders Club

Club Coordinator

- 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

JIS College of Engineering

April 2024 – Present

Projects & Achievements

SynapseAudit- SynapseAudit is an AI-powered developer tool designed to streamline code auditing and enhance software security across platforms. Built as a VS Code extension, and also available as a web app, desktop application, and Chrome extension, SynapseAudit empowers developers to write cleaner, more secure, and original code with ease.

FakeBuster- FakeBuster is a machine learning-powered web application designed to detect and classify news as FAKE or REAL. Users can input any news headline or content, and the app instantly evaluates its credibility using a trained PassiveAggressiveClassifier and TF-IDF vectorizer.

Won 1st Prize in App Development competition at my college

Patents:

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.

InnoCon Hackathon Organizer – Coordinated and managed technical hackathon event, handling logistics, participant coordination, and judging criteria for multiple teams.

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, Web Hosting, Linux

Core Competencies: Data Structures, Algorithms, System Design, Full-Stack Development, Agile Methodologies

Certifications

Data Science Foundations – CCSF Course Completion Badge

Android Developer Virtual Internship