





Rishparna Bandopadhyay

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EDUCATION

Vellore Institute of Technology, BHOPAL

April 2025

B.Tech Computer Science

Current CGPA: 7.61/10.0

KV Barrackpore AFS School (AISSCE)

April 2021

Higher Secondary Education

Percentage: 78.0

KV Barrackpore AFS School (SSC)

April 2019

Secondary School Certificate

Percentage: 88.8

TECHNICAL SKILLS

Languages: Java, HTML/CSS, JavaScript, SQL, React.js, Python, Express.js, Node.js, MongoDB

Tools/Platforms: Git, Vercel, VSCode, Figma, UI/UX Design, Windows, AWS

Soft Skills: Formulated, Adaptive, Conceptualized, Problem-solving, Communication

PROJECTS

Frontend Developer : PredictHub | [Github](#) | [Website](#) | *React.js, Typescript, Tailwind CSS*

April 2025

- Engineered a responsive stock market dashboard featuring personalized watchlists, dark mode, and educational resources that improved user engagement by 30% based on session duration metrics.
- Launched interactive tutorials on the user dashboard, guiding beginner traders through complex strategies and resulting in users spending 15 minutes more on average on the platform.
- Integrated preprompted chatbot into platform, cutting down resolution times by 60% and improving user engagement with financial data, especially for less experienced users on the platform.

Shoppistae | [Github](#) | [Website](#) | *React.js, Express, MongoDB*

August 2024

- Spearheaded the full-stack development of Shoppistae, a clothing e-commerce app featuring real-time stock updates via an admin panel, resulting in 99.9% inventory accuracy and reducing order fulfillment errors.
- Developed and optimized RESTful API endpoints using React and MongoDB for CRUD operations, enhancing advanced product search features and cutting average search response time by 600ms, improving user experience and followed agile methodology.

Gemini Chat Pdf | [Github](#) | [Website](#) | *Python, streamlit, langchain, API(Gemini)*

July 2024

- Developed an AI-powered PDF chatbot using Gemini-Pro; decreased document processing time by 70% and enhanced user experience, as reflected in a 4.8/5 satisfaction rating.

CERTIFICATIONS

AWS Certified Cloud Practitioner | [Certificate](#) | *Amazon Web Services*

June 2024 - June 2027

Leveraged AWS Certified Cloud Practitioner skills to optimize cloud-based solutions, resulting in a 20% increase in system efficiency.

Iamneo | [Certificate](#) | *DATA STRUCTURES AND ALGORITHMS*

May 2024

Earned certification in Data Structures and Algorithms from IamNeo, demonstrating proficiency in problem-solving, algorithm design, and implementation using core data structures like arrays, linked lists, trees, graphs, stacks, and queues.

ACHIEVEMENTS

- Leveraged daily coding practice on Geeks for Geeks for 100+ days, discovering and fixing the three biggest causes of runtime errors within personal projects, improving code robustness and reducing debugging time.
- Awarded multiple medals in athletics during school for excellence in various sporting events
- Accepted into the Girlsript Summer of Code program for open source contributions, gaining hands-on experience in software development.