Eishita Parik

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Education

Bachelor of Technology in Computer Science and Engineering — *Sept 2022 – Present*
VIT Bhopal University, Bhopal, Madhya Pradesh — *CGPA: 9.21 / 10*

Indian School Certificate (Class XII) — *July 2022*
St. James' High School, Binnaguri, West Bengal — *Percentage: 89.75%*

Indian Certificate of Secondary Education (Class X) — *July 2020*
St. James' High School, Binnaguri, West Bengal — *Percentage: 89.25%*

Technical Skills

- **Programming Languages:** Java, Python, HTML/CSS, JavaScript, SQL
- **Frameworks & Tools:** ReactJS, NodeJS, ExpressJS, NextJS, MongoDB, Supabase, Arcjet, Inngest, Tailwind CSS, Prisma, Shadcn UI, GitHub, VS Code
- **Libraries:** Pandas, Plotly, TensorFlow, Scikit-learn, OpenCV
- **Certifications:** AWS Certified Solutions Architect – Associate, Salesforce Developer
- **Relevant Coursework:** OOP, DBMS, OS

Coding Profiles

- **LeetCode**: 200+ questions solved
- **GeeksforGeeks**: *Solving questions*

Projects

CoinCapita — *April 2025 – June 2025*

- Built an AI-powered expense tracking platform enabling users to monitor, visualize, and manage their finances efficiently.
- Integrated Clerk for secure authentication, with protected routes for sign-in and sign-up functionality.
- Developed a smart receipt scanner powered by Gemini API to extract and analyze expense data from user inputs.
- Utilized OpenAI's GPT model to generate insightful financial summaries and spending breakdowns.
- Tech Stack: React.js, Next.js 13, Clerk, Shadcn UI, TypeScript, Tailwind CSS, Supabase, OpenAI API, Gemini API, Arcjet, Inngest, Vercel.

PinkShield — *October 2024 – December 2024*

- Built a machine learning-powered web app that predicts breast cancer status based on medical input data.
- Implemented SHAP-based visualizations for model explainability and integrated PDF report generation.
- Designed a clean, responsive interface using Bootstrap, HTML, and CSS; deployed on Render.
- Tech Stack: Python, Flask, scikit-learn, SHAP, Bootstrap, HTML/CSS, Render.

An Efficient Brain Tumor Detection Using Machine Learning and Deep Learning Techniques — *Nov 2024 – Apr 2025*

- Developed a classification model to detect brain tumors from MRI scans using CNN-based deep learning architectures.
- Achieved over 95% accuracy using transfer learning with pre-trained models like VGG16 and ResNet50.
- Built an interactive frontend using Streamlit to allow users to upload MRI images and receive real-time predictions.
- Tools Technologies: Python, TensorFlow, Keras, OpenCV, NumPy, Pandas, Matplotlib, Streamlit, Google Colab.

Achievements and Extracurriculars

- **Coding:** Maintained an active coding streak of over 170 consecutive days on LeetCode.
- **Hackathons:** Participated in multiple inter- and intra-college hackathons, fostering teamwork and strategic problem-solving skills.
- **Interests:** Enjoy playing badminton and participating in singing competitions at various college events.