

Subhadeep Mandal

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Kolkata, West Bengal, India

EDUCATION

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| Techno Main Salt Lake <i>Bachelor of Technology in Computer Science and Business Systems; CGPA: 7.73</i> | Kolkata, West Bengal, India <i>Oct. 2021 – May 2025</i> |
| Hariyana Vidya Mandir <i>Senior Secondary (XII); Percentage: 88.5%</i> | Kolkata, West Bengal, India <i>2020 - 2021</i> |
| Kendriya Vidyalaya No.1 Salt Lake <i>Higher Secondary (X); Percentage: 95.6%</i> | Kolkata, West Bengal, India <i>2018 - 2019</i> |

EXPERIENCE

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| SCALE AI (Outlier) <i>Maths Trainer (Freelance)</i> | Remote <i>Oct. 2024 – Present</i> |
| <ul style="list-style-type: none">– Designed and conducted A/B testing to enhance AI model responses.– Developed complex prompts to effectively train AI models.– Assessed AI responses based on accuracy, relevance, and quality.– Provided feedback to improve AI model decision-making and optimize AI learning. | |
| ZSCALER <i>Zero Trust Cloud Security Intern</i> | Remote <i>Apr. 2024 - Jun. 2024</i> |
| <ul style="list-style-type: none">– Worked on Zero Trust Cloud Security protocols.– Participated in workshops on cloud security infrastructure.– Gained hands-on experience in network security and risk assessment. | |

PROJECTS

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| Box Office Revenue Prediction System <ul style="list-style-type: none">– Curated dataset using TMDB APIs and web scraping movie trailers.– Developed a predictive model for estimating movie revenue using regression techniques.– Implemented machine learning algorithms to improve accuracy and enhance forecasting.– Analyzed historical revenue trends to refine model predictions. | GitHub Link |
| Arduino Bot <ul style="list-style-type: none">– Designed and built the body of the Arduino-based line-following robot.– Developed and integrated IR sensor modules for precise line detection.– Implemented efficient path-following algorithms for obstacle avoidance.– Enhanced bot performance by optimizing sensor calibration and motor control, ensuring smoother navigation. | GitHub Link |
| Hariyali - An E-commerce App <ul style="list-style-type: none">– Designed the complete UI/UX of the application to ensure a seamless user experience.– Developed interactive wireframes and prototypes for efficient user navigation.– Collaborated with developers to integrate the front-end design with backend functionalities. | GitHub Link |