

Gahana Gupta

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EDUCATION

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| RGPV University <i>Bachelor of Technology in computer science, Percentage: 85%</i> | Bhopal, MP <i>Aug 2019 – May 2023</i> |
| KV ITBP <i>XII, Percentage: 67%</i> | karera, MP <i>July 2017 – March 2018</i> |
| Ideal Cambridge <i>X , Percentage: 85%</i> | karera, MP <i>July 2015 – March 2016</i> |

EXPERIENCE

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| Associate Data Scientist <i>AML Right sources</i> <ul style="list-style-type: none">Created new features that improved model performance, including customer tenure, average purchase value, and engagement scores derived from user activity logs.Implemented various machine learning algorithms, including logistic regression, decision trees, and random forests. Conducted hyperparameter tuning using GridSearchCV to optimize model performanceCollaborated with cross-functional teams to implement data-driven solutions. | Oct 2023 – Present <i>Noida</i> |
| Data Analyst- Intern <i>MNF</i> <ul style="list-style-type: none">Depression detection from social network data using machine learning techniques. A deep analysis of depressive comments using a machine learning approach in a social media society and detects whether the person is depressed or non-depressed on his/her twitter comments or tweets. | July 2022 – Nov 2022 <i>https://www.mynextfilm.com/</i> |
| Data Analyst- Intern <i>Sudheep Techies I.T. Sol ltd</i> <ul style="list-style-type: none">Understood the working and several other aspects of the ongoing research project which is about scaling blockchain functionalities to achieve physical limits. Analyse user datasets of test cases used for validity and feasibility of integration. Using CNN, VGG19 and 16, SVM detect the kidney stone and covid non-covid condition. | Oct 2021 – Feb 2022 <i>http://www.techiesgroup.co.in/</i> |
| Ecera system- Intern <i>Software development</i> <ul style="list-style-type: none">Build UI/UX elements of responsive classified ECommerce website to buy and sell products. Developed graphic content like user profile including product illustrations using Bootstrap library | May 2020 – July 2020 <i>https://ecerasystem.com/</i> |

PROJECTS

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| Revhire MSA Development on AWS <i>AWS EKS, AWS S3, AWS EC2, AWS Codepipeline, AWS cloudFront</i> <ul style="list-style-type: none">Provisions resources with Terraform, uses AWS Codepipeline and Jenkin, deploys microservices on EKS with RDS, and delivers the front-end via S3 and CloudFront for high-performance. Led a team in developing an AWS project, providing technical guidance on AWS services, Devops practices, CI/CD pipelines, infrastructure as code, and deployment strategies. Designed and implemented AWS codepipeline for automated build and deployment |
| Quick Fox <i>JavaScript, Java, Git</i> <ul style="list-style-type: none">Shows the path on the map which they should follow to finish their shopping. There are choices for users whether they want the shortest path to complete shopping, the cheapest one or a combination of both. The algorithm was mainly implemented using JavaScript. App was recognized as a potential start-up and useful society |
| Sign Language Translation <i>Python and TensorFlow</i> <ul style="list-style-type: none">Developed CNN model using dataset of more than 5000 images for training to translate sign. |
| Let’s Meet <i>JavaScript and Nodejs</i> <ul style="list-style-type: none">Video conferencing application. Also, support features like screen sharing, meeting recording and white board |
| Sketch Board <i>ReactJs, NodeJS, ExpressJs, Socket.IO, Git, Github</i> <ul style="list-style-type: none">Designed and developed a real-time collaborative sketch board allowing users to draw, erase, and add draggable notes in a shared online environment. Implemented WebSocket technology (using Socket.IO) to ensure seamless real-time synchronization, enabling multiple users to collaborate simultaneously on the same board from different locations.Enabled users to download their sketches for offline use, enhancing the practicality and connivence of the platform |

CERTIFICATIONS

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| <ul style="list-style-type: none">AWS Cloud Practitioner |
| <ul style="list-style-type: none">AWS Cloud Architecting |
| <ul style="list-style-type: none">AWS Academy Graduate Foundation |
| <ul style="list-style-type: none">MTA (98-381): Intro to programming using python |
| <ul style="list-style-type: none">Celonis Certifications |
| <ul style="list-style-type: none">Cambridge BEC Preliminary Examination |

ACHIEVEMENTS

Attained a top 1 percent rating on Leet code, with highest rating of 2300+
Successfully solved over 1000 challenging Data Structures and Algorithms (DSA) questions on Various platforms
Recognized as a Guardian on coding ninja for expertise in problem-solving and algorithms

TECHNICAL SKILLS

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| Languages: Java, Python, machine learning algorithm, C/C++, SQL (Postgres), JavaScript, HTML/CSS, R |
| Frameworks: React, Node.js, Flask, JUnit, WordPress, Material-UI, FastAPI |
| Developer Tools: Git, Docker, TravisCI, Google Cloud Platform, VS Code, PyCharm, IntelliJ, Eclipse, Tableau, Jupyter Notebook |
| Libraries: NumPy, Matplotlib, Pandas, Scikit-learn, Seaborn |