Renée Gupta

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EDUCATION

DELHI TECHNOLOGICAL UNIVERSITY
Bachelor of Technology majors in Electronics Engineering
September 2022 - Present | New Delhi, India
Degree Classification: B.Tech with First Division (Expected)

EXPERIENCE

HEADSTARTER AI, NEW YORK CITY
Software Engineering Fellow - SWE Intern
July 2024 – Present | Remote
- Built 5+ AI and Development apps along with APIs using NextJS, OpenAI, Pinecone, and StripeAPI with **98**% accuracy as seen by over 1000 users.
- Led a team of 4+ fellows through the entire project , from design to deployment, utilizing **MVC** design patterns to ensure scalable and maintainable code.
- Coached by Amazon, Bloomberg, and Capital One engineers on Agile, CI/CD Pipelines, **Docker**, **Git**, and **Microservice** patterns.

PHEUTURE PVT. LTD. | Software Developer Intern
May 2024 – July 2024 | New Delhi, India
- Reduced software bugs by **25**% through rigorous and meticulous code refactoring and the implementation of best practices in Java. .
- Optimized core Java algorithms, achieving a **20** percent improvement in processing efficiency and execution speed, learned about Spring And Hibernate.

PROJECTS

EASYSHOP- E COMMERCE SITE | NodeJS, Python, APIs, AWS
- EasyShop is a chabot to find products using pictures and get best deals.
- Found multiple third party **APIs** to accomplish our objectives and integrated it into our application by building a pipeline to move info.
- The payment processing was done with the integration with Visa API .
- The solution is deployed on the **AWS** and can be accessed on any social messaging service.

RESPONSIVE WEBSITE FOR DENTIST. | HTML, CSS, JavaScript
- Developed a responsive and user-friendly website for RG Dental World, significantly enhancing its digital presence and achieving a **30**% increase in new patient appointments along with a **15**% **rise** in service inquiries.
- Deployed a robust API on AWS, achieving seamless website integration and scalability; utilized GitHub Pages for a 99.9% uptime, enhancing user experience and operational efficiency by **25**% . - *Project Link*

CODING PLATFORM LINKS

- LeetCode Profile- **Data Structures and Algorithms in Java**
- HackerRank Profile- Programming Fundalmentals in **Java and Python**
- Interview Bit Profile- Java and **Low-Level System Designs**
- GeeksForGeeks Profile- Java Fundamentals along with **Object Oriented Programming** and **DataBase Management Systems**.

SKILLS

PROGRAMMING SKILLS
Python • Java • C
OPERATING SYSTEMS
Linux • Unix • Bash Scripting
WEB DEVELOPMENT
HTML • CSS • JavaScript • MySQL
VERSION CONTROL
Git • SVN • Jenkins • Github Actions
CLOUD SERVICES
AWS • GCP • Azure

AWARDS AND ACHIEVEMENTS

2024 WISE'24 Scholar, TalentSprint
2024 HeadStarter **SWE Fellowship'24**
2024 Semi-Finalist of Coderush 4.0
2023 5 Star Coder(**JAVA**) @HackerRank
2023 5 Star Coder(**Python**) @HackerRank
2022 Smart India Hackathon (**SIH**) '23
2020 Valedictorian'20 , SPS High School
2018 **Student of the Year** Batch'2018, SPS
2018 Zonal Level Yoga and TT Runner-Up.
2017 District- Dance Tournament Champ.
2017 **State Level - Bronze Medalist**, IEO
2017 Distinction in **Green** Olympiad
2016 1st Division in **ANCQ** and **ISO**.

COURSEWORK

Data Structures and Algorithms
Data Analysis and Mining
DataBase Management Systems
Computer Networks
Software Testing and Deployment
Computer Simulation
Functional Programming
OOPs Programming (Java)
Software Engineering
Computational Methods
Operating Systems

POSITION OF RESPONSIBILITY

Communication Skills and Leadership
- Logistics **Head** and **Chief** Cordinator of EngiFest'23 and '24 DTU.
- **General** and **Cultural Secretary** of the main Girls' Hostel at DTU, VLB.