Agrah Jain

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Education

Dr. A.P.J. Abdul Kalam Technical University	November 2020 - June 2024
Bachelor of Technology (B.Tech) in Computer Science & Engineering (CGPA: 8.3)	*Ghaziabad, Uttar Pradesh*

Experience

Monocept	May 2024 - July 2024
Software Engineer Intern	*Remote*

- Enhanced the Java codebase by deploying efficient algorithms, resulting in a 20% improvement in code performance.
- Optimized database interactions using JDBC, which improved data retrieval times and overall application responsiveness and Performed JUnit testing, ensuring high code quality and reliability, and enabling early detection of bugs and issues.

Remotebase	December 2023 - April 2024
Software Engineer	*Remote*

- Designed, developed and evaluated over 50 programming-based tasks for LLM training, ensuring complete alignment with specified prompts and user requirements, achieving 100% accuracy.
- Collaborated with team members using version control systems such as Git to organize modifications and assign tasks.

ShapeMySkills	September 2021 - November 2021
Java Developer Intern	*Remote*

- Assisted in Java development by implementing efficient data structures and algorithms, optimizing code by 50%.
- Applied OOPs concepts, Design patterns, SOLID principles to design and develop various robust project architectures.

Programming Profiles

- Codeforces (Specialist)
- LeetCode (Top 5%)
- CodeChef (4 Star)
- CodingNinja (Champion)

Achievements

- Achieved **KNIGHT** Badge by entering in Top 5% Globally in LeetCode.
- Earned Specialist rating on Codeforces.
- Ranked among Top 4% Coders Globally in CodeChef.
- Attained an Global Rank of 19 in the GeeksForGeeks April monthly leaderboard.
- Secured an Global Rank 24 out of 27,000+ participants in CodeChef Starters 107.
- Achieved a Global Rank of 578 among 43,000+ participants in Codeforces Round 933.
- Ranked 657 globally in the Google KickStart Farewell Round A.
- Successfully solved over 1200 coding problems across various competitive programming platforms.
- Finalist in the Odoo Hackathon by leading a team of developers, where we created and deployed a project from scratch.

Technical Skills

Languages: C/C++, Python, Core Java, Java EE, HTML, CSS, Javascript
Frameworks/Libraries: Spring, SpringBoot, Hibernate, Django, C++ STL, JUnit
Developer Tools: Git, Github, Postman, MySQL Workbench, Spring Tool Suite, Visual Studio Code, Eclipse
Databases: SQL, MySQL, PostgreSQL, RDBMS
CourseWorks: Data Structures and Algorithms, Design and Analysis of Algorithms, Object Oriented Programming (OOPS), Database Management System, Operating System, Computer Networking

Projects

BuddyBun - Social Media Website | *HTML, CSS, JavaScript, Python, Django REST, PostgreSQL*   **Live link**

- Implemented key features including Timeline API, robust profile management, and interactive challenges between users.
- Integrated real-time notifications, search functionality, and post sharing capabilities, boosting user engagement by 30%.
- Designed a scalable and efficient relational database schema, reducing query response time by 40%.

FAQ-Bot | *Python, Django, PostgreSQL, NLP, HTML, CSS, JavaScript*   **Github link**

- Implemented IAM functionality for secure login and integrated FAQ Database to deliver accurate user query responses.
- Implemented a fallback mechanism to connect Doubt Assistants when users are dissatisfied, boosting accuracy by 60%.
- Improved efficiency by 30% through performance monitoring and user feedback mechanisms.

Essay Evaluator | *Python, Django REST, PostgreSQL, Javascript*   **Github link**

- Developed a web application enabling users to submit essays for evaluation with an accuracy rate of 80%.
- Incorporated Google SSO OAuth 2.0 for secure sign-in and introduced a feature to track and display the submission history of essays for each user.