VATSA ADITYA

Noida ,Uttar Pradesh

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EDUCATION

KIET Group of Institutions   **2021 − 2025**
B.Tech - Computer Science and Engineering - **SGPA - 7.4**   *Ghaziabad,Uttar Pradesh*

EXPERIENCE

Flutter Developer Intern- i2i Core Tech   **April 2023 - June 2023**
- Designed and implemented intuitive user interfaces (UI) for two mobile applications using Flutter framework that increased user interaction by 15%.
- Integrated external open APIs into mobile applications, enhancing functionality and access to external data sources.
- Engineered robust RESTful API calls using HTTP client libraries in Flutter, enhancing app performance by 40% and reducing data retrieval time by 25%.

PROJECTS

Digital Dialogue ⬈ | JAVA,JDBC, MySQL,AJAX, AZURE   **March 2024**
- Developed a Java-based blogging platform with JSP, Servlets, MySQL, and JDBC, enabling user registration, blog creation, and content management.
- Implemented efficient SQL queries using JDBC resulting in an average query response time of less than 50 milliseconds
- Focused on cross-browser compatibility and responsive design principles for seamless user experiences.

Notes ⬈ | JAVA,Hibernate,MySQL   **December 2023**
- Developed a web-based note-taking application with CRUD functionalities.
- Utilized Hibernate ORM for seamless mapping of Java objects to MySQL database tables, reducing the need for manual SQL query writing and simplifying the handling of complex relational data.
- Developed interactive web interfaces using JSP, streamlined server communication through Servlets; improved data handling efficiency, reducing server response time by 35%.

Meals ⬈ | Flutter,Dart ,FireBase   **May 2023**
- Architected a mobile application for seamless sharing and discovery of meal recipes.
- Integrated Firebase Authentication with OAuth2 support for secure and streamlined user authentication, enabling social media logins and enhancing user experience.
- Leveraged Flutter's state management solutions (Provider, Riverpod) to manage app state efficiently,reducing unnecessary widget rebuilds by up to 60%.

TECHNICAL SKILLS

- **Languages:** C, C++, JAVA, Dart
- **Technologies/Frameworks:** HTML5, CSS3, Bootstrap, Flutter, Spring, Spring Boot
- **Developer Tools:** VS Code, Eclipse, Spring Tool Suite, pgAdmin, MySQLWorkbench, Canva

ACHIEVEMENT

- **InnoTech Winner2022**: Won the largest hackathon organized by KIET Group of Institutions.
- **Ideathon 4th Position:** Secured 4th place in the Ideathon organized by TBI KIET.
- **HackMait Top 7:** Ranked among the top 7 at HackMait, organized by Maharaja Agrasen Institute of Technology.
- **Competitive Programming:** Solved 800+ coding questions on various online platforms.

CERTIFICATIONS

- Problem Solving in Data Structures & Algorithms and Fundamentals of Web Development (Programming Pathshala)
- Flutter & Dart - The Complete Guide [2023 Edition]

EXTRACURRICULAR

- Taught Data Structures and Algorithms (DSA) to over 60 students in an offline setting.
- Active member of the DevUp Club since 2022 , participating in coding events and tech discussions.