ANUSHKA PURWAR

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SKILLS / LANGUAGES / TECHNOLOGIES

- **Languages**: JAVA, SQL, Python, C, DART, TypeScript , HTML, CSS, JavaScript, Express JS.
- **Frameworks**: ReactJS, Laravel, NodeJS, Spring-boot, Flutter, Atlas, MVC
- **Tools:** Docker, Postman, Netflix Eureka, Redux, Grafana, Prometheus
- **Databases:** Firebase, MongoDB, MySQL
- **Platforms:** Linux, Windows, Android Studio, VS Code, IntelliJ, Compass, Anaconda.

PROJECTS

FINANCE APPLICATION ~VITTAZ (code link)
- Designed and implemented a comprehensive Finance Dashboard application with advanced features, utilizing the **MERN** stack.
- Included **Machine Learning** predictions which improves forecasting accuracy by 15% compared to traditional methods, **TypeScript** for type-safe development, **Redux Toolkit** for efficient state management and reducing load times by 25%.
- Used **Vite** for a fast and optimized frontend setup, **Material UI** for a polished and responsive user interface, and **Recharts** for visually appealing and interactive charts.

Tech Stack : Machine Learning, Typescript, React, Node, MUI, Vite, Redux Toolkit,Express Js, MongoDB

MICRO-SERVICE APPLICATION ~ ParentM (Code Link)
- Implemented **CURD** operations and service discovery using **Netflix Eureka**.
- Implemented **API Gateway** using **Spring Cloud Gateway** and secured micro service using **Keycloak**.
- Implemented circuit breaker and learned about distributed tracing and created a event driven service using **Kafka**.
- **Dockerized** application and learned to monitor micro-service using **Prometheus** and **Grafana** resulting in a 25% decrease in deployment time and improved visibility into system performance

Tech Stack : JAVA, Postman, Spring-boot, MongoDB, MySQL Workbench, Docker.

IDS System ~MyBank Card Manager (code link)
- Used Computer science strategies, such as the **Honeypot** approach, to mimic real system to attract cyberattacks that can help prevent breaches and allowing organizations to gain insights into attackers' methods.
- Utilised SHA256 hashing to detect changes in data.Effective implementation reduces the overall impact of breaches by up to 70%.
- Enhanced productivity by leading a team of 4 members by dividing and managing task.

Tech Stack : HTML, CSS, JS, Python, HoneyPot, MongoDB, ODBC, ML

FOOD DELIVERY APP ~ Favour Flavour
- Food delivery application build using **DART** with Backend & Restful API. E-commerce application for iOS and Android

Roles:
- Developing delivery application UI using DART and build an API service.
- Working on backed of the project with Laravel admin panel.

EDUCATION

BTech in Computer Science, Inderprastha Engineering College, Ghaziabad ,U.P. *2020 - Present*
CGPA (till 6th semester) - 8.3

ROLES and RESPONSIBILITIES

IPEC ACM Student Chapter
Prime core - Organized study groups and events to foster skill development. Mentoring and helping the students.