ANUJA KALE

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WORK EXPERIENCE

Full Stack Web Development Intern |ShapeAI, Mumbai, India **Jun 2021 – Aug 2021**

- Designed and built databases for software applications, optimizing performance, and ensuring efficient data management
- Created and deployed secure database-backed web APIs, facilitating seamless communication and data exchange between applications
- Proficient in both backend and frontend development, with expertise in building intuitive user interfaces using modern frameworks and technologies

Data Analytics Consulting Virtual Internship |KPGM, Virtual Internship **Jul 2021**

- Analyzed data quality issues with the given datasets
- Gathered information about potential customers by studying their past behavior and choosing data analysis strategies for the same
- Reviewed previous task results such as target customers, top 10 items, and customer demographics

EDUCATION

NORTHEASTERN UNIVERSITY **Boston, MA**

Master of Science in Information Systems (GPA - 3.529/4.0) **Expected May 2024**

- Relevant Coursework:
  Application Engineering Development, Data Management and Databases Design, Web Design and User Experience Engineering, User Experience Design and Testing

UNIVERSITY OF MUMBAI **Mumbai, India**

Bachelor of Engineering in Information Technology **Jun 2021**

- Relevant Coursework: Artificial Intelligence, Big Data Analytics, Distributed Systems, Database Management Systems, Advanced Database Management Systems, Data Mining and Business Intelligence, Software Quality Control

TECHNICAL SKILLS

Programming Languages: SQL, Python (NumPy, TensorFlow, Matplotlib, Pandas, Keras), R, HTML, CSS, PHP, Java, JavaScript, Redux, React JS, REST APIs, Jquery, Node.js
Data Visualization: Advanced Excel, Tableau
Cloud: Heroku, AWS
Tools and Technologies: Microsoft Office Suite, Git, VS Code, Postman, MongoDB, Rest APIs, Moqups, Balsamiq, Figma, Axure, After Effects
Operating System: Windows, macOS, Linux

ACADEMIC PROJECTS

Foodlicious an online food ordering system | React, Node.js, Express.js, MongoDB **Jan 2023 – Apr 2023**

- Developed and implemented Foodlicious, an online food ordering system using **React, Node.js, Express.js, and MongoDB**, enabling customers to order a variety of foods directly from the website
- Integrated user and admin dashboards in Foodlicious, allowing efficient management of users, products, and orders, as well as providing **real-time** order tracking and updates for customers
- Implemented secure user authentication, common payment gateway integration with **Stripe**, and seamless order processing, resulting in a user-friendly and efficient online food ordering experience

Simple Invest| Figma **Jan 2023 – Apr 2023**

- Designed and implemented a user-friendly UI for Simple Invest, resulting in improved user engagement and increased user satisfaction
- Conducted extensive **user research** to identify pain points and areas of improvement, which were then addressed in the updated UI design
- Created a detailed Figma design of the updated UI, which can be viewed here

Intelligent Drive Assistance System| Python, OpenCV **Jan 2021 - May 2021**

- Developed a non-intrusive driver drowsiness detection system using **Computer Vision**, aimed at preventing accidents caused by driver fatigue and sleepiness
- Conducted research and implemented various techniques, such as **Haar** face detection algorithm, to detect drowsiness based on facial features and image processing
- Proposed solutions and presented results in a comprehensive report, highlighting the potential for further optimization and improved efficiency of the system for enhanced road safety, published paper can be viewed here

Lab Component Issuing System |RFID, NFC Tags, NodeMC **Apr 2021 – Jun 2021**

- Developed an automated component dispensing system for a laboratory using IoT technology to provide users with a simple and easy component issuing system while ensuring a scientific approach to managing the hardware laboratory and optimizing staff time and energy.
- Evaluated the feasibility of implementing an automated component dispensing system in a laboratory and assessed the potential benefits to streamline component issuance and improve laboratory efficiency
- Implemented IoT technology to automate component dispensing systems in a laboratory, enabling centralized control of all lab components from one place, published paper can be viewed here