TANUJA PYNENI

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WORK EXPERIENCE

Full stack Developer, Appstek Corp   02/2020 – 12/2020
- Worked with Angular, Java to create a mobile and web application for the client using Agile methodology.
- Designed a single page application with angular with over 50,000+ users, interacting with Rest API developed using Spring and backend Oracle database.

Graduate Teaching Assistant, University of North Texas   08/2021 – 12/2022
- Assisting the Professors of UNT in Human Computers and Interfaces and Secure E-commerce and Fundamentals of Databases.
- Grading and Planning student assignments, exams, and quizzes in the courses. Improved the class average by 40% than the year before.
- Managed, guided, and helped over 600 students with any doubts in the coursework over a period of 1.5 years.

EDUCATION

Masters Computer Science, University of North Texas, **United States**   **GPA: 3.82/4.0**, December 2022
Relevant Courses: Computer Networks, Introduction to Big Data and Data Science, Scientific Data Visualization, Methods of Empirical Analysis, Fundamentals of Databases, Software Engineering, Usability Testing, Computer Forensics

Bachelors, Computer Science Engineering, Vidya Jyothi Institute of Technology, India   **GPA: 8.67/10.0**, August 2020
Relevant Courses: Data Structures & Algorithms, Object Oriented Programming with C++, Design and Analysis of Algorithms, Operating Systems, Big Data, Internet Security, Cloud Computing, Formal Languages and Automata Theory.

SKILLS and LANGUAGES

Programming Languages:	Python, Java, C, JavaScript, Kotlin
Technologies:	HTML, CSS, SQLite, Next.js, Angular, Oracle SQL, Tomcat
IDEs:	Visual Studio Code, Eclipse, Atom, NetBeans
Tools:	JIRA, Tableau, SAS studio, Android Studio, OS forensics, ProDiscover Basic, FTK Imager, WinHex, HxD, Anaconda, GitHub, Jupyter Notebook
Certifications:	AWS Cloud Practitioner, Paycom Summer Engagement Program (SEP), Python for Everybody Specialization (Coursera), Programming fundamentals in Kotlin (Meta on Coursera) +
Microsoft Office Suite:	Word, Excel, PowerPoint, Outlook, Teams
Languages:	English, Hindi, Telugu, Korean (A2)

RELEVANT PROJECTS

Penna Care – Web and Mobile application, Full stack Developer   2020
- The main idea of the product was to create an application that our client (cement company) and their dealers can use to place orders and keep track of things online.
- The project helps the client company to track its dealers, their orders, sales and the profits they made.
- The dealer can place orders, make payments, and get product updates on the app.
- Used Angular for the UI of the application, Java and Oracle for backend.
- We used Agile development methodologies and used JIRA for tracking our work

Student Employee Orientation, *Class Project*   Fall 2021
- Developed a web application for student employees for the various jobs available at UNT like an orientation course, so that they can get an idea of what their job is about and the things they need to know before they can start working.
- Created UI using Angular, NodeJS and JavaScript to retrieve from backend.

Hospital Management System, *Class Project*   Fall 2021
- Developed a desktop application for a hospital to manage employee and patient details and appointments.
- The receptionist is the admin and can manage patient appointments, view and update patient details, and prescriptions, update employee details and so on.
- Used Jframes for the project.

Student Performance Prediction, Undergrad *Class Project*   Fall 2019
- Developed a web-based application for an educational institution to identify the students who have difficulty in a particular subject and help them improve in it. Was also responsible for project Documentation.
- The project deals with Neural Networks algorithm in machine Learning to predict a student's performance based on their past performances and some demographic attributes.