

ANU RADHA MANTHENA

Phone : 757-797-5616 | email : amantoo8@odu.edu

OBJECTIVE

- Full Stack Developer with 3 years of experience in design, development, integration, debugging, testing, and maintenance of web applications.
- Strong knowledge of object-oriented programming, relational databases, data structures, and algorithms.
- Experienced in workflow architecture in all phases of SDLC and working in agile methodology.

EDUCATION

- Master of Science in Computer science, Old Dominion University, VA Jan 2020 - Dec 2021, 4/4
- Bachelors in Electronics and Communication, GIET College of Engineering, India Aug 2012 - Aug 2016, 3.8/4

TECHNICAL SKILLS

- **Programming Languages** : JavaScript ES6, Python, C, C++
- **Web Technologies and Frameworks** : Angular, React.js, Node.js, Laravel, PHP, HTML5, CSS3, Bootstrap
- **Databases** : Postgresql, MySQL
- **Data Visualization Tools** : Tableau, Vega lite, Microsoft Power BI, D3, Open Refine.
- **IDE** : Visual Studio Code, IntelliJ, Notepad++
- **Operating Systems** : Windows, Mac OS, Linux

PROFESSIONAL WORK EXPERIENCE

Graduate Teaching Assistant, OLD DOMINION UNIVERSITY

Norfolk, Virginia | since Jan 2020 - till date

- Conducting Recitations and Lab sessions for CS 150 (Problem-solving and Programming with Python).
- Assisting with designing course materials, assignments, and programming exercises.

Web Developer, NOKIA SOLUTIONS AND NETWORKS

Chennai, India | Oct 2016 to Jan 2020

- Translated design team's UX wireframes and mockups into responsive, interactive features, using HTML5, CSS3, Bootstrap, JavaScript, Angular 6
- Revamped UI and app interface for client-facing site with 20,000+ unique visitors per month.
- Experience with creating custom directives, decorators, and services to interface with both restful and SOA services.
- Automated image optimization, using Grunt and minified JS and CSS, which reduced page load times by up to 30 percent.
- Used AJAX, JSON to send the request to the server to check the functionality of the websites and for storing and exchanging information between browsers and servers.
- Followed Agile methodology for planning and development, using Git for version controlling and Jira for project management

ACADEMIC PROJECTS

Digital Library Search Engine May 2021 - Aug 2021

- Built an online Digital Library Search engine where users can create/edit profiles, search, save and add different types of books to their profiles.
- Technologies: Elasticsearch, Laravel, PHP, Javascript, MYSQL, Bootstrap, Kibana, HTML5 and CSS.

Amazon Clone Jan 2021 - May 2021

- Designed a scalable and robust distributed web application including all the features of Amazon with 10,000 products.
- Improved the performance by 30 using Redis Caching.
- Implemented least-connection load balancing mechanisms using Nginx.
- Implemented token-based authentication using Passport Js and deployed the application to AWS EC2 instance and performed JMeter Test.

Todo - Task Viewer Jan 2020 - May 2020

- This Task Viewer lets users create their personalized accounts and enables them to add, edit, or interactively view their tasks with an easy-to-use Interface.
- Technologies: Angular, MySQL, and Node.Js.

Predicting Prices of AirBnB in Newyork location Jan 2020 - May 2020

- Worked on Kaggle data science problem starting from data collection, pre-processing, and bringing insights from exploratory data analysis to model with Linear Regression and Random Forest Regressor with evaluation metrics.
- Predicted the Airbnb price using machine learning techniques. The main objective is to help the owner to place a competitive price.

LEADERSHIP

- Serving as Cultural Secretary of INDIAN STUDENTS ASSOCIATION at Old Dominion University.
- Served as a Board of Member NOKIA Corporate Social Responsibility (CSR) Committee and administered many activities.