

Phani Tejaswini Karnati



Windsor, ON

+1(519)991-8015

karnati@uwindsor.ca

<https://www.linkedin.com/in/phani-teju/>

<https://github.com/phanitejaswinikarnati>

SUMMARY

A young, dynamic, and professional candidate who wish to work in a challenging and fast-paced environment, leveraging my current skills in Web development, RESTful Web Services, AWS and UI/UX Designs, fostering my creativity with many learning opportunities.

TECHNICAL SKILLS

- **Languages:** Java, SQL, Python, HTML, C
- **Architecture:** Microservices
- **Software methodologies:** Agile
- **AWS:** S3, EC2, IAM, RDS, ELB, CloudFront
- **Frameworks:** Spring boot, Spring, Bootstrap, JavaScript
- **APIs:** RESTful, SOAP
- **CI/ CD:** Jenkins
- **Tools:** JIRA, SQL developer, Confluence, AdobeXD, Figma
- **Testing tools:** Postman
- **Build tools:** Maven
- **Version Control:** GIT, GitHub
- **Logging:** Logback, Slf4j
- **IDEs:** VS Code, IntelliJ, Eclipse
- **OS:** Windows, Linux, Mac

WORK EXPERIENCE

UX-UI Designer/Web Developer

Mar 2021 - Present

Communitech, Kitchener, Ontario

- Determining information architecture and creating sitemaps, prototypes, low-fidelity, and high-fidelity wireframes.
- A strong knowledge of UI/UX, cross-browser compatibility, general web functions and standards.
- Configuring and customizing WordPress and its plugins and integrating with other tools as required.
- Creating custom short codes, widget areas, custom post types within WordPress where needed.
- Worked with other Content Management Systems such as Shopify, Wix, Squarespace.
- Experienced in being as a Point of Contact with the client/Business owners to communicate about the project status and details to the team.
- Ensuring overall website maintenance, enhancements, and security updates are up to date.

ACADEMIC PROJECTS

Data Mining, Univ of Windsor

May 2020 – Aug 2020

Missing Data Imputation through GTM as a mixture of t-distributions, Python

- Impute the missing data in a dataset through Generative Topographic Mapping (GTM) by using t-distributions and Expectation-Maximization (EM) algorithm.

- Successfully detected outliers and minimized the impact on the estimation of the model parameters while providing an overall more accurate imputation of missing values.

Computational Methods and Modelling for Engineering, Univ of Windsor Feb 2020 – May 2020

Adaptive Cruise Control System, MATLAB

- Using Simulink environment in MATLAB, developed and implemented a prototype of adaptive cruise control system for vehicles on an Arduino kit, that automatically adjusts the vehicle speed to maintain a safe distance from vehicles ahead.

Obstacle Avoiding Robot, MATLAB

- Using Simulink environment in MATLAB, developed and implemented a prototype of obstacle avoiding robot on an Arduino kit, that will move in a straight line until it detects an obstacle, which will then maneuver in a perpendicular direction until no obstacle is detected.

HTML-CSS-Java-SQL + Android, SRK Institute of Technology

Jan 2019 – May 2019

Smart-Visitor Appointment Application

- Designed and developed to enable booking an appointment with an authorized person in a smart way, such that the visitor may not have to wait for a long time if the purpose of visit is of high priority.
- Led a team of 4 in designing and developing the project through different software development life cycles.

EDUCATION

Master of Engineering (Electrical and Computer)

Sep 2019 - Dec 2020

University of Windsor, Windsor, Ontario

Bachelor of Technology (Computer Science)

Jun 2015 - May 2019

SRK Institute of Technology, Vijayawada, India

AWARDS & ACHIEVEMENTS

- AWS Certified Cloud Practitioner, [8ZON75BDBNE114SX](#), Feb 2021.
- “Java 11 New Features”, Udemy, Jun 2021.
- “Learning SQL programming”, LinkedIn Learning, Jan 2021.
- “Advanced C Programming”, LinkedIn Learning, May 2020.
- Successfully completed the training program “Core Networking of ISP and Software” implemented at BSNL, A Government of India Enterprise, Mar 2017.
- Held the position of class representative multiple times, officially representing my class to the professors and the management in college and in school.