KARISHMA HEGDE

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EDUCATION

University of Georgia, School of Computing | Athens GA, USA   *GPA: 3.94*
Master of Science in Computer Science   *Expected: May 2025*

Global Academy of Technology, VTU | Bangalore, India   *Aug 2016 – Aug 2020*
Bachelor of Engineering in Computer Science and Engineering

PROFESSIONAL EXPERIENCE

IBM – Application Developer & Package Consultant   *Jan 2021 – Jul 2023*
- Implemented user stories, resolved bugs, performed code maintenance, and conducted reviews on Oracle CPQ application – increased user adoption and scope of functionality of the application.
- Involved in performance optimization initiatives to update existing code base – handled large pricing requests.
- Led the UI redesigning initiatives of the application by coordinating efforts towards transforming the UI layout and DOM structure elements – achieved application standardization and alignment with client's external applications.
- Transformed financial report structures for uniformity and clarity – client appreciation for suitable design suggestions.

Whatfix – Solutions Engineer I   *Jul 2020 – Jan 2021*
- Empowered diverse clients through the strategic configuration of the digital adoption platform as an integral member of the Customer Success Team – enhancing overall user experience and successful application integration.
- Composed technical articles and organized workshops on upcoming mobile application features of the product – benefitting CSMs and members across teams with knowledge transfer.

TECHNICAL SKILLS

Programming Languages – Java | JavaScript | C | C++ | HTML | CSS | BML | Python | MySQL | R Programming
Applications & Frameworks – React JS | Oracle CPQ | Android Studio | Spring Boot | Google Firebase

PROJECTS

Tenzies - The Game   *Mar 2024*
Tools: *React JS | CSS | Visual Studio Code v1.86*
- React app leveraging key React JS implementations including conditional rendering and state management. Data persistence with LocalStorage while enriching project versatility through exploration of React libraries for dynamic application development.

Traceroute Statistics   *Jan 2024*
Tools: *Python 3.11.5 | Visual Studio Code v1.86*
- Implemented a command line tool that executes traceroute multiple times towards a target and derives latency statistics for each hop between the traceroute client and the target machine. Results are presented on a boxplot.

Building Sustainable Transportation Solutions for Large Campuses   *Aug 2019 – Mar 2020*
Tools: *Google Firebase OAuth and FCM (user authentication) | Spring Boot Tool Suite (core server) | MySQL (organization asset database) | Raspberry Pi 3 (docking station simulation)*
- Developed final year project at BOSCH involving an end-to-end system for renting and tracking electric shuttle buses and two-wheelers.
- Spearheaded the front-end Android application development. Android application developed as an extension of primary application – assisted administration team in tracking vehicle health and issued alerts.

PUBLICATIONS

IoT-Based Anti-poaching Technology to Save Wildlife   *Mar 2021*
- International Conference on Advanced Computing Applications. Advances in Intelligent Systems and Computing, V 1406. Springer Singapore. https://doi.org/10.1007/978-981-16-5207-3_4, Hegde, K and Sen S.

A Study on Shared Mobility Systems   *Jun 2020*
- International Journal of Emerging Technologies and Innovative Research, ISSN: 2349-5162, Vol.7, Issue 6, Page no. 2041-2044, Hegde, K., R K, Anaghashree and M, Sowmya.

CERTIFICATIONS

Azure Fundamentals – Foundational level knowledge of cloud services on Microsoft Azure.