KARISHMA HEGDE

Athens, GA, USA| **Email**: karishma.hegde1@gmail.com | **Phone**: +1 (706) 240-4733
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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 25*

Global Academy of Technology, VTU | Bangalore, India   *Aug 16 – Aug 20*
Bachelor of Engineering in Computer Science and Engineering

PROFESSIONAL EXPERIENCE

IBM – Application Developer & Package Consultant   *Jan 21 – Jul 23*
- Coded complex user stories and improved existing functionality on **Oracle CPQ** for IBM's largest client AT&T – increased product adoption and scope of functionality of the application.
- Implemented **code optimization** for legacy functionality – improved application performance above 50%.
- Led the **UI designing initiatives** by coordinating efforts towards transforming the layout and DOM structure elements – achieved standardization and alignment with client's style guide.

Whatfix – Solutions Engineer I   *Jul 20 – Jan 21*
- Configured the digital adoption platform on diverse client applications using **JavaScript** leading to successful application integration.
- Resolved customer support tickets – enhancing overall user experience.
- 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 | Python | JavaScript | MySQL | HTML | Tailwind CSS | C | C++ | R Programming
Applications & Frameworks – React JS | Figma | Oracle CPQ | Android Studio | Spring Boot | Google Firebase

PROJECTS

Tenzies - The Game   *Mar 24*
Tools: *React JS | CSS | Visual Studio Code v1.86*
- Web application leveraging key React JS implementations including conditional rendering, state management, data persistence with LocalStorage.

CollabPal - Collaborative Tools for Group Projects on EdTech Platforms   *Jan 24 – May 24*
Tools: *Figma | Google Suite*
- Performed extensive user research leading to a high-fidelity prototype for the lack of user-friendly tools to assist group assignments and projects on edTech platforms.

Building Sustainable Transportation Solutions for Large Campuses   *Aug 19 – Mar 20*
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 for users and administration in tracking vehicle health and issued alerts.

PUBLICATIONS

IoT-Based Anti-poaching Technology to Save Wildlife   *Mar 21*
- 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 20*
- 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.