

Geeta Jethanand Kukreja

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<https://www.github.com/geeta-kukreja>

Education

Aug 2022 – June 2024	Master of Science in Computer Science Drexel University Philadelphia, PA, USA Relevant courses: Artificial Intelligence, Data structures and Algorithm, Software Design, Developing User interfaces, Fundamentals of Databases, Computer vision, Software architecture
Aug 2017 – Oct 2020	BTech in Information Technology K.J Somaiya College of Engineering Mumbai, India

Skills

Languages	Java, Python, JavaScript, C/C++, HTML/CSS, XML, AngularJS, jQuery, PHP, SQL, Shell scripting, Dart, ABAP
Frameworks	React Native, Bootstrap, NodeJS, Flutter, UiPath, Flask, Spring, Docker, Kubernetes, Rest
Databases	MySQL, PostgreSQL, Google Firebase, NoSQL
Operating Systems	Windows, Linux, macOS
Software Engineering	Agile software development, Code optimization, Software Designs and principles, Data Structures and algorithms, Object-oriented programming, Software testing and debugging
Interpersonal Skills	Data-driven decision-making, Resourceful problem-solving, Comprehensive research skills, Results-driven planning, Operational leadership, Adaptability, Team collaboration, Emotional Intelligence, Customer Service, Professional communication

Work Experience

Senior Technology Associate at Colgate Global Business Services, Mumbai	Sept 2021-Aug 2022
<ul style="list-style-type: none">Implemented requirements for distributors and wholesalers in 10 countries as an SAP ABAP Developer using technical skills, gaining experience in OOP and functional perspectives of complex business processesDemonstrated innovative logical thinking by refactoring 3000+ line codes of ABAP for device registration of Sales Representatives and fulfilled business requirements, reducing development costs by 20%Tested and debugged business applications against 50+ global standards, maintaining accuracy and meeting agreed timelinesExplored significant SAP components like –Reports, ALV, Scripts, Adobe forms, and webdynpro with WS1 API for execution	
Executive Associate at Colgate Global Business Services, Mumbai	Nov 2020-Sept 2021
<ul style="list-style-type: none">Attained expertise for UiPath and automated in-house manual processes for Colgate resulting in an 80% reduction in manual work for business usersDelivered and implemented innovative automated solutions for two major processes utilizing different applications (Browser, Windows, Remote Desktop Automation, Citrix, SAP) using OOP and Agile Software development approachCollaborated with cross-functional teams and business stakeholders to optimize workflows, enhance user experience, and create detailed Solution Design Documents through effective walkthrough sessions	
Software Engineer Intern at Colgate Global Business Services, Mumbai	Jan 2020-Apr 2020
<ul style="list-style-type: none">Acquired expertise in mobile application development and created HAC Sync App leveraging Flutter for Colgate employees to track step count & minutes/day to support well-being initiativeDeployed Kotlin framework with Firebase backend, enabling app utilization with Google Fit data and attaining 50% cost savings via a cross-platform environment	
Software Engineer Intern at K.J Somaiya College of Engineering, Mumbai	Dec 2018-May 2019
<ul style="list-style-type: none">Designed cross-native mobile app in React Native framework flowing OOP principles, enabling a 12% maximized footfall and 15% streamlined satisfaction rate for college cafeterias by providing menus & reviews	

Projects

Academic Project: Vaccination Reminder Full-stack Web App	Jan 2023
<ul style="list-style-type: none">Designed a web-app HTML, CSS, JavaScript, jQuery, Flask, and SQLite, with a user-friendly interface and robust backend architecture to ensure timely vaccination of children by providing vaccine schedules and reminders to parents	
Academic Project: AI Game Development using python	Oct 2023
<ul style="list-style-type: none">Optimized Rubik's Cube solution using Breadth-First Search, Depth-First Search, Iterative Deepening Search and A* algorithms, reducing completion timeEngineered Othello strategies with minimax and alpha beta pruning algorithm to defeated opponents with a 95% success rateUtilized Q Learning algorithm to quickly solve difficult mazes with high accuracy, reaching success in 8/10 attempts	
BTech Final Year Project: Blockchain-based Digital Evidence Management	Jun 2020
<ul style="list-style-type: none">Integrated Hyper ledger, Blockchain, and Angular to lead a high-profile project to develop a cutting-edge solution for securing digital forensics evidence and maintained 100% data integrity	
Internship Project: Neighbourly Clone App Built with React Native	Aug 2018
<ul style="list-style-type: none">Explored several atomic projects for learning and built a cross-native mobile application, which was an imitation of the Google Neighbourly App, where people living or familiar with the same locality will post/answer the queries	

Achievements and Certifications

- UiPath RPA Certification by UiPath Academy
- Earned certification in cross-native mobile development using Flutter Technology
- Published a research paper in 2020|4th International Conference on Advances in Science and Technology (ICAST'21): Advantages of Blockchain in Digital Forensic Evidence Management.
- React native certification by Studyleague IT Solutions LLP
- Obtained a Java certification course/certification program, demonstrating proficiency in Java programming