

PAVAN KUMAR

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Computer Science graduate looking for full-time opportunities as Test Automation Engineer with an organization of repute and open to relocate for the right opportunity.

PROFILE SUMMARY

- Good Knowledge on Software Development Life Cycle and Software Test Life Cycle and about various SDLC Models, Test Levels, Test Types and Test design Techniques.
- Familiar with Generating Test Scenarios, Write Test Cases, and Collecting Test Data.
- Knowledge on Executing Test Batches and Analyzing Test Result.
- Knowledge on Defect Reporting, Defect Tracking and complete Defect Life cycle.
- Hands on experience with Selenium, Cucumber and Test Automation Process.
- Expertise on Programming in C, C++,Python, SQL, Java and Database Technologies.
- Familiar with Ruby and VBScript
- Good interpersonal skills, committed, result oriented, hard working with a quest and zeal to learn new technologies.

EDUCATION

- M.S. in Computer Science from Texas A&M University, Kingsville graduated in Aug 2017 with 3.5 GPA.
- B.E in Computer Science from Visvesvaraya Technological University, Belgaum graduated in May 2015 with 3.5 GPA.

IT SKILLS

- **Software Tools:** Android Studio, Simulink, AutoCAD, SolidEdge, Visual Studio, Eclipse.
- **Programming Languages:** C, C++, Java, SQL, Python, Matlab,Ruby.
- **Web Technologies:** HTML, CSS, XML, JavaScript.
- **Testing Tools:** Selenium,Cucumber.
- **Operating Systems:** OS X, Windows, Linux.

ACADEMIC PROJECTS

Title: Hiding User Privacy for Location Sharing Services in Social Networks.

Period: Jan 17- May 17

Description: Implemented prevention of user privacy by unauthorized users from accessing location information of the users.Used Advanced Encryption Standard(AES) to encrypt the user location for sharing services in a social network. Used technologies like Java,Android Studio, Android Emulator.

Title: RR-eCom

Period: Jun 16-Aug 17

Description: RR-eCom is an Ecommerce Web portal, it organizes online shopping business operations like product promotions, selling products, and shipping goods etc. It has 2 interfaces, One is Admin interface, provides features like Adding / Editing / Deleting Vendors, Products, User management and generating Reports. Another interface is User Interface, provides features like Products menu, searching for products, buying products etc.

Title: Reversible Color Image Watermarking using Trigonometric Functions.

Period: Jan 15- May 15

Description: Adapted interpolation and trigonometric functions for Watermarking color image using MATLAB. Developed this technique to successfully embed watermark on the color image. The watermark is embedded in cover image and then resized, this leads to imperceptibility.Shaped this technique to extract watermark from the watermarked image. Finally achieved high robustness and high payload can be embedded in it.