

KRUTHIKA GIRISH

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EDUCATION

Master of Science in Computer Science

University of Illinois, Illinois, USA

August 2018 - May 2020

GPA: 3.2/4

Bachelor of Engineering in Information Science

Visvesvaraya Technological University, Karnataka, India

August 2013 - June 2017

GPA: 60.9/100

TECHNICAL SKILLS

Programming Languages & Databases

Java, Python, C, SQL, MySQL, PostgreSQL, MongoDB

Web Technologies

HTML, CSS, XML, SASS, JavaScript, Node.js, React.js, REST API

Frame Works

jQuery, Bootstrap, Vue.js

Cloud Services & Industry Knowledge

AWS, SEO, SDLC, Scrum, GIT, SVN, Adobe Creative Suite, IoT, Raspberry Pi

Soft Skills

Time Management, Problem-Solving, Adaptive Learner, Cohesive Team Player

WORK EXPERIENCE

Freelance Graphic Web Developer/Designer

Nov 2020 – Jan 2021

- A designer passionate about understanding users, building design systems, and working on multi-disciplinary teams.
- Designed Logo, Business card, and Poster for the start company called as RK Electrical Engineering Company.
- Designed the contents and the design using the Adobe Creative Suite tools: Adobe Photoshop and Adobe Illustrator.

Research Volunteer Internship | University of Illinois, Springfield, IL – United States

April 2020 – Nov 2020

- Worked on a research project to make efforts to conserve threatened and endangered species from both animal kingdom and plantae kingdom in Canada using Deep Learning Techniques under an assistant professor.
- My duties were to collect the image data for the threatened and the endangered species using search filter to narrow down the search. Other Duties: Software Design and Implementation.

Software Engineer | SpiderFocus Solutions, Bangalore, KA – India

August 2017 – July 2018

- Worked on designing and developing dynamic web pages using HTML, CSS, DHTML, JavaScript, Vue.js, jQuery, Ajax, XML, Eclipse, SVN, JSP.
- Maintained and updated HTML/CSS template on a regular basis as required.
- Developed page layouts, navigation, animation buttons and icons as well as UI designs using Web 2.0 standards.
- Worked on creating dynamic FLASH applications using JavaScript and Flash animation using Adobe Flash.
- Worked extensively on JavaScript and jQuery programming to give AJAX functionality for the website.
- Provided technical support to other web design team members as directed. Solved issues under pressurized environment.
- Further tasks included: Management of all MySQL database and all the required tables to store different survey information related to the site.

ACADEMIC PROJECTS

Basic Calculator [Vue.js]

- Developed a basic calculator application.

Secure Banking Online System [Java, MySQL, AWS, HTML, CSS, jQuery, JavaScript]

- Developed a web application for secured banking system with different levels of accounts and transactions.
- Used security features like: One-Time Passcode and Public Key Encryption.

Portfolio [HTML, CSS, Bootstrap, JavaScript]

- Developed a responsive website focusing on displaying the objectives, show case my work.
- Used CSS grid for the layouts and JavaScript for scrolling the description on thumbnail.

Static Website: Hebiancao [HTML, CSS, Bootstrap, JavaScript]

- Developed a responsive website for showcasing my art skills.
- Used JavaScript to implement scroll to top property. Visitors can email or browser through bunch of sketches.

My Do's [HTML, CSS, Bootstrap, JavaScript]

- Developed a web application that lets the user's keep a track of their work and manage time accordingly.
- Simple, friendly, and easy to use. Will soon be available on Chrome Store to add it as a web extension.

Auto Repair Database Design [Microsoft Access, MySQL]

- Designed a conceptual and physical database for Auto Repair System.
- Performed complex queries and database connectivity.

A Shoulder Surfing Resistant Graphical Authentication System [Java, SQL, HTML, CSS, Bootstrap JavaScript, JSP, XML]

- Developed a web application for an authentication system using graphical passwords to avoid camera-based attacks.
- Used One-Time valid login indicator as a security feature.

RESEARCH PAPERS, ACHIEVEMENTS, WORKSHOPS

- Completed a certification on "The Complete Web Developer in 2020: Zero to Mastery" by Udemy.
- Attended a Summit on Leadership Development (SOLD) as one of the representatives from University of Illinois at Springfield hosted at Washington University St. Louis on Feb 10, 2019.
- Published a paper on "Analysis of IoT in Automotive Industry used in Smart Cities" in "International Journal of Computer Engineering & Applications (IJCEA)". URL: <https://goo.gl/JPoZqw>. ID: 111250.
- Participated and presented a paper on "Graphical Password Authentication for Cloud Security" in the International Conference on "Computer Science & Technology Allies in Research ICCSTAR", 05/2017.
- Participated and exhibited the final year project in "TECH MANIA- 2017" Intercollegiate project exhibition.

LEADERSHIP & EXTRACURRICULAR

- Presently working as a math tutor at WhiteHat Jr (Part-Time).
- Member of RHA (Resident Housing Association at UIS) used to plan events and programs for the student's body.
- Worked as a Front Desk Attendant at UIS, was responsible for safety and wellbeing of 30+ residents at LRH. Built inclusive and welcoming communities to accommodate different residents' social and academic needs.
- Member of an American Red Cross at UIS focusing on providing disaster response, assistance to victims of disaster.
- Volunteered as an Educational Volunteer at Sri Nidhi Charitable & Educational Trust for from Jan 2016 – Feb 2017 by conducting sessions on teaching art and also volunteered in serving meals for the kids.