KRUTHIKA GIRISH

7619243285 | Gmail | GitHub | LinkedIn | Portfolio

EDUCATION

Master of Science in Computer Science — **August 2018 - May 2020**
University of Illinois, Springfield, Illinois — **GPA: 3.2/4**

Bachelor of Engineering in Information Science — **August 2013 - June 2017**
Visvesvaraya Technological University, Karnataka, India — **GPA: 60.9/100**

TECHNICAL SKILLS

Programming Languages & Databases	Java, Python, C, Unix Shell Scripting, SQL, MySQL, PostgreSQL, MongoDB
Web Technologies	HTML, CSS, SASS, JavaScript, PHP, Node.js, React.js, REST API
Frame Works	jQuery, Bootstrap, Express.js, Passport.js, Semantic UI, Spark, Flask, Android Studio
Cloud Services & **Industry Knowledge**	AWS, SEO, SDLC, Scrum, GIT, Adobe Creative Suite
Soft Skills	Time Management, Problem-Solving, Adaptive Learner, Cohesive Team Player
Certifications	**The Complete Web Developer in 2020: Zero to Mastery** by Udemy

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.

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.

Intern | Inventeron Technologies, Bangalore, KA – India — **August 2017 - Oct 2017**
- Completed an Internship based on Raspberry Pi and Python. Worked on Raspberry Pi practically and learnt about IoT Analytics. **Technologies/Environment:** IoT, Python, Raspberry Pi

PROJECTS

RK Electrical Engineering Company Design [Adobe Creative Suite]
- Designed logo, poster, and business card for the start-up company called RK Electrical Engineering Company.
- Designed the contents and the design using the Adobe Creative Cloud tools: Adobe Photoshop and Adobe Illustrator.

Research Project
- 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.
- Duties were to collect the image data of all the threatened and endangered species. Other duties involved were: Software Design, and Implementation.

Portfolio [HTML, CSS, Bootstrap, JavaScript]
- Developed a single responsive website using bootstrap focusing on displaying the objectives and show casing my work.
- Used CSS grid for the layouts of the webpage and JavaScript for scrolling the description on the thumbnail.

Hebiancao [HTML, CSS, Bootstrap, JavaScript]
- Developed a multiple-page responsive webpage using bootstrap mainly for showcasing my art works.
- Used JavaScript to implement the scroll to top property and visitors can email or browse through bunch of sketches.

Secure Banking System [Java (Spring, JPA), 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.

Yelp Camp [**HTML, CSS, Bootstrap, JavaScript, jQuery, Node.js, Passport.js, Semantic UI, Express.js, MongoDB**]
- Developed a full-stack application to view and check their availability in the different campsites.
- RESTful services used to implement the routes in NodeJS for the backend server connection.

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
- 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
- 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.