Aabhas Kharel

Software Engineer — Actively Seeking full time opportunities

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Objective

To begin my career by securing a responsible career opportunity to expand my learnings, knowledge and skills.

Experience

Software Developer Intern
Mouser Electronics (Mansfield, TX)   (June 2020)
- Developed a Micro web-service to allow B2B customers to upload xml invoice files.
- Developed and deployed an Automation tool to interact with the Network Load Balancer.
- Wrote a data generator Script to perform testing on Employee Absence Report.
- Working on company's customer detail page to implement efficient and effective Email Filter feature.

Front End Developer Intern
Got It - startup based on Pisa, Italy   (March 2019 – June 2019)
- Designed and developed the front end prototype for the company's official website.
- Supported the team to design and develop the Web and Database architecture.
- Tools used: HTML/CSS, Vue.js

Research Trainee
Department of Computer Science and Engineering, UTA   (February 2018 – June 2018)
- Designed an efficient Trie data structure and wrote multiple unit tests.
- Performed research on various tree based key-value storage for small data items.

Projects and Hackathons

CardRoot - Web Game   (August 2018 - November 2018)
- Built a web app containing three different card games using C#/.NET along with HTML/CSS/JavaScript.
- Implemented bot features along with a three difficulty levels for single player mode.
- Deployed online using Microsoft Azure.

HackUTA 18 at The University of Texas at Arlington   (October 2018)
- Won Facebook's Best Community Building Project.
- Built a web app to keep track of your hourly. activities and provide data visualization on user's data
- Designed the user interface using Vue.js and set up back-end using PostgreSQL database and Flask web server in Python.

HackRice 8 at Rice University   (September 2018)
- Won the Chevron company sponsored challenge.
- Built a web app in group of 3 to optimize the work order process in Chevron complex process facilities.
- Designed and developed the front end using HTML5/CSS3/JavaScript and database using an ORM, created REST API endpoints using Flask web server in Python

Technical Skills

Programming	Python, C/C++, C#/.NET, Java, SQL
Web & Design	HTML5/CSS3/JavaScript, NodeJS/Express, BootStrap/jQuery, VueJS, PHP, Flask, Flutter
Knowledge of	Git, Scrum Sprint, RDBMS, DBMS, DevOps, Unix/Linux, Object-oriented design, MVC pattern, Agile Software Development, Unit Testing, Software Development Life Cycle, Software Design Patterns, Algorithms & Data Structures

Education

The University of Texas at Arlington   (May 2020)
Bachelor of Science in Software Engineering
GPA 3.74