Venika Gaur

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EDUCATION

University of Alabama in Huntsville   **Huntsville, AL**
BS in Computer Science with a Mathematics minor (GPA: 3.8)   *Graduation Date: July 2020*
- Organizations/Awards: Honors Program, Dean's Honors List

WORK EXPERIENCE

E&C Outdoorsmen   **Huntsville, AL**
Software Developer   *January 2021 – Present*
- Develop chat bots to improve customer experiences and retention, by providing information about seasonal deals and ongoing sales, using Node.js, Twilio and Google cloud.
- Create and optimize product dashboard using React and Node.js to display best-selling products based on user preferences and drive sales traffic up by 35%
- Write Python scripts to parse through consumer products csv files and automatically populate the database.
- Build RESTful APIs for managing product inventory database by utilizing Express.js and MongoDB.

Siemens   **Huntsville, AL**
Software Developer Intern   *January 2020 - April 2020*
- Created a data collection REST API with Node.js to parse through application log data and create a report of failed runs to help test teams track bugs in the code, which improved daily task efficiency by 15%
- Designed, developed, and deployed a web application to manage sprint tasks and deadlines using React, GraphQL API and AWS to improve personal productivity by 30%
- Wrote unit tests, integration tests and performed end-to-end testing for client products using Enzyme, Selenium and Jest.

Siemens   **Huntsville, AL**
Infrastructure Developer Intern   *August 2019 – December 2019*
- Automated the creation of virtual machines for consumer product testing using Python, improving time efficiency by more than 85%
- Collaborated with global teams to implement infrastructure as code (IaC) to reduce manual programming input by 90%, by creating terraform modules.
- Expedited consumer product release by 25% using Python and Bash scripts to automate product testing.

PROJECTS

BaatCheet Chat App   **GitHub**
- A real time chat application where multiple users can enter a chat room and send instant messages to each other. *NodeJS, Express JS, Web sockets.*

Music Machine   **GitHub**
- A virtual piano that lets users create a melody, save it to the cloud and then share its link with others. *JavaScript, Express JS, Mongo DB.*

LEADERSHIP EXPERIENCE

TechTogether Speaker   **Atlanta, GA**
Technology Workshop Leader   *February 2021 – Present*
- Led an engaging workshop on algorithms and data structures for 800+ global participants, providing resources to help them improve their tech interview skills.

University of Alabama in Huntsville   **Huntsville, AL**
Honors Resident Assistant   *July 2018 – May 2020*
- Insured a safe and healthy living community for 500+ residents by doing regular building inspections, planning diverse programs, and holding community hours to build one-on-one resident connections.
- Tutored Honors students in Java, Python, and other Honors Computer Science and Mathematics courses.
- Created a Java application for the University Housing Department to create inventory codes for managing 8000+ pieces of furniture, successfully solving the inventory issues in campus residence halls.

SKILLS & INTERESTS

Skills: Java | Python | JavaScript | HTML/CSS | React | Node.js | MongoDB | MySQL | RESTful Web Services