

DELZAD BAMJI

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I'm a Computer Science Graduate Student looking for roles in the Software Development and Full Stack domain. I love to explore and work with new software, tools, and frameworks. Looking forward to working with a company that promotes intellectual growth.

WORK EXPERIENCE

• Security Software Developer Intern

Nokia Corporation of Americas Aug, 2021 – Dec, 2021

- Secret Key Management using Shell Scripting, Python and Golang at the core level.
- Managed secrets with HashiCorp Vault using Kubernetes and Helm.
- Improved production hardening of the current model by 20%.
- Automated the system's TLS version based on helm charts.

• Data Engineering Volunteer

NYC and Company (NPO) May, 2021 – Dec, 2021

- Performed ETL processes using Python and its libraries on multi-structured data to improve tourism in NYC.
- Translated data formats and created Tableau compatible files to identify opportunities for member organizations of the company.

• Software Developer Intern

Retail Business Services Jun, 2020 – Dec, 2020

- Created a Talent Acquisition Portal to reduce outsourced recruiting costs by 48%.
- Deployed a responsive and ADA-compliant web applications written in React.js which are compatible on desktop and mobile screens.
- Managed an Express.js server connected to a MongoDB database.
- Processed data using REST APIs and test endpoints on Postman.
- Established a secure web socket connection using socket.io for robust multi-client communication.
- Worked in an agile team on Microsoft Azure DevOps platform.

EDUCATION

Masters in Computer Science

Rochester Institute of Technology (RIT)

2022

3.83/4.00

- Big Data Analytics • Bio-Inspired AI and metaheuristic optimization in Intelligent Systems • Web Services
- Artificial Intelligence and Neural Nets • Computational Problem solving in Python • OOP in Java • Advanced Algorithms and Data Structures • Computer Vision
- Database System Design

SOFT SKILLS

Team Work, Leadership, Problem-Solving, Inter-personal, Communication, Result-Oriented, Agile Development

PROJECTS

- Instagram Clone - React.js, JavaScript, firebase, Bootstrap, Tailwind CSS, RESTful APIs
- AirBnB Clone- React.js, JavaScript, Python, Flask, docker, CSS3, RESTful APIs, MongoDB
- Talent Acquisition Portal - React.js, Express.js, JavaScript, CSS3, SCSS, MongoDB, RESTful APIs, Azure DevOps, socket.io
- Face Detection portal using REST APIs - React.js, Express.js, JavaScript, CSS3, Bootstrap, PostgreSQL, Clarifai REST API
- Classification of authors by lexicographical semantics - Python, Pandas, Matplotlib
- Derby REST Web Service – Python, Flask, SQLite 3, flask_restful
- Image Processing and Heuristic-Based Path Determination Technique on a 3D Terrain - Python, Pillow library
- Object Detection, Action Recognition, and Image Manipulation – Python, Pandas, NumPy, OpenCV, PyTorch, MATLAB, Computer Vision Concepts
- Data Loading & Migration, Querying, Normalization, Frequent Itemset Mining, and Clustering & Cluster Quality on a billion entry IMDb Dataset - Java, MongoDB, MySQL, Google Guava, Gradle
- Framework for an AI powered Investment Management Portal – HTML 5, CSS 3, Bootstrap, Python & AI/ML libraries, Django, Data Science modules

TECHNICAL SKILLS

Languages and Frameworks:

Python, JavaScript, Golang, Java, React.js, Express.js, Flask, Node.js, Pandas, NumPy, PyTorch, React Native, Django

Databases: MongoDB, MySQL, PostgreSQL, firebase (Novice)

Misc: HTML 5, CSS 3, Bootstrap, RESTful APIs, Machine Learning, Git, GraphQL, Data Analytics, Shell/Bash Scripting, Docker, Kubernetes, Helm, HashiCorp Vault, Web Services, Postman, Amp