Puneeth Gante Hanumappa

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Education

University of Colorado Boulder — Boulder, CO
Master's in Computer Science - GPA: 4.0 / 4.00 — *Aug. 2022 – May 2024(expected)*

PES Institute of Technology — Bengaluru, KA, India
Bachelor of Engineering in Information Science - GPA: 8.59 / 10.00 — *Aug. 2014 – Sep 2018*

Technical Skills

Languages: PowerShell, Java, Javascript, HTML/CSS, Python, C#, SQL
Frameworks/DB/Web Service: Angular, Pester, Docker, SpringBoot, Flask
Developer Tools: Amazon Web Services, Google Cloud Platform, Kubernetes, Git, Jira , Jenkins, VS Code, Visual Studio, Eclipse, InstallShield, Kafka, MongoDB

Experience

Software Engineer — May 2020 – June 2022
Electronics For Imaging (EFI), (now eProductivity Software) — *Bengaluru, KA, India*

- Developed web application using Angular as the front-end and C# as the back-end to help deploy suite components in customer machines. This helped to mitigate manual installation from services team.
- Implemented the use of Amazon Web Services(AWS) operations in the product that included EC2 operations, s3 storage, and IAM management.
- Spearheaded the use of AWS s3 storage to act as a release build storage for suite certification. This transition gave a significant advantage in download speed from 2 hours to 10 - 15 minutes. Also, slashed the time required for $CI\backslash CD$ deployment to provide results from a day to 6 – 8 hours.

Associate Software Engineer — July 2018 – April 2020
Electronics For Imaging (EFI), (now eProductivity Software) — *Bengaluru, KA, India*

- Developed the first $CI\backslash CD$ pipeline in the department with a team of 5. Used Jenkins platform and PowerShell scripts to bring down the whole process of deployment and automation results from a week to a day.
- Expanded the $CI\backslash CD$ implementation to include major components required for suite deployment certification. This paved the way to run automation scripts in parallel for various components at once than individual testing.
- Worked on a project using Java that estimated lines of code and the number of functionalities present to determine the work estimation rate for implementing modernization of a product.

Software Engineer Intern — Jan 2018 – June 2018
Electronics For Imaging (EFI), (now eProductivity Software) — *Bengaluru, KA, India*

- Implemented complete silent installation and configuration of suite products using PowerShell which was part of the DevOps cycle.
- Improved the unit test coverage of the product's DevOps project by 25% using Pester.

Projects

HandyScan | *GCP, Docker, Kubernetes, Kafka, MongoDB, SpringBoot*

- Devised a cloud-hosted microservice architecture based application to provide users that compiles written notes into audiobooks.
- Deployed the components on Google Kubernetes Engine and established intercommunication using Kafka message queues. Utilized MongoDB to store the metadata information of all the components.
- Incorporated backend service using SpringBoot that manages the API calls from UI to rest of the components. Enabled horizontal scaling of server and worker nodes based on CPU utilization.

Best Price Predictor | *Angular, Python, Elasticsearch, Kibana*

- Implemented a Machine Learning model to predict best pricing data for the sales order tab of the product in the company hackathon event.
- Used Kibana dashboard to view the results of real-time data and also implemented AI bot to display the pricing data using Angular UI/UX framework.
- The project passed the proof of concept and is in implementation phase to incorporate as a new feature in the organization.