Puneeth Gante Hanumappa

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Education

University of Colorado Boulder — Boulder, CO
Master's in Computer Science — *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: Angular, Pester, Docker
Developer Tools: VS Code, Visual Studio, Eclipse, Git, Amazon Web Services, Jenkins, InstallShield, MySQL

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.

Hackathon and Academic Project

Best Price Predictor | *Angular, Python, Elasticsearch, Kibana* — May 2021

- 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.

Dataset Based Recommender Engine | *Python, Elasticsearch, Docker* — Jan 2018 – May 2018

- Built a project that helped predict the best papers, top sentences, and algorithms for the dataset provided by the user.
- Collected data from IEEE source and incorporated NLP text ranking and Machine Learning models like Gensim python module and data analyzing tools - Numpy and Pandas for recommendation engine.
- Used elastic search to analyze and show the results and also built a telegram bot for users to interact and display the outcome.