

Puneeth Gante Hanumappa

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EDUCATION

University of Colorado Boulder

Master's in Computer Science - GPA: 4 / 4

Boulder, CO

Aug. 2022 – May 2024(expected)

PES Institute of Technology

Bachelor of Engineering in Information Science - GPA: 8.59 / 10

Bengaluru, KA, India

Aug. 2014 – Sep 2018

TECHNICAL SKILLS

Languages: Java, Javascript, HTML/CSS, Python, Microsoft PowerShell, C#, SQL

Frameworks/DB/Web Service: React, Angular, Pester, Docker, SpringBoot

Developer Tools: Amazon Web Services, Google Cloud Platform, Kubernetes, Git, Jira, Jenkins, VS Code, Visual Studio, Eclipse, InstallShield, Kafka, MongoDB

EXPERIENCE

Course Assistant

University of Colorado Boulder

Jan 2023 – Present

Boulder, CO, USA

- Currently serving as a Course Assistant for the Datacentre Scale Computing course, actively assisting students and supporting course instructors in their learning and projects.

Software Engineer

Electronics For Imaging (EFI), (now eProductivity Software)

July 2018 – June 2022

Bengaluru, KA, India

- Developed a web application using Angular for the front-end and C# for the back-end, streamlining suite component deployment on customer machines, reducing manual installation efforts by the services team.
- Spearheaded AWS operations, including EC2, S3 storage, and IAM management, while driving the adoption of AWS S3 storage for suite certification releases. Achieved a significant reduction in download times (2 hours to 10-15 minutes) and streamlined CI\CD deployments from a day to just 6-8 hours.
- Pioneered the establishment of the department's first CI\CD pipeline, leveraging Jenkins and PowerShell scripts, reducing deployment time and automating processes from a week to a single day.
- Contributed to a Java-based project focused on estimating lines of code and functionality, facilitating work estimation for a product modernization initiative.

Software Engineer Intern

Electronics For Imaging (EFI), (now eProductivity Software)

Jan 2018 – June 2018

Bengaluru, KA, India

- Executed end-to-end silent installation and configuration of suite products using PowerShell as an integral part of the DevOps cycle, while also significantly improving unit test coverage by 25% through the implementation of Pester.

PROJECTS

Arxiv Insanity | React, GoLang, Neo4j, Redis, Docker, Kubernetes, Terraform

May 2023

- Developed a web application using GoLang, Neo4j, and React to enhance literature review process.
- Implemented an interactive citation network for primary research papers, enabling effortless tracking and exploration of additional related papers of interest. Leveraged Terraform for scalable infrastructure deployment.

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

December 2022

- Designed a cloud-hosted microservices architecture, enabling the transformation of written notes into audiobooks.
- Orchestrated deployment on Google Kubernetes Engine, establishing seamless intercommunication via Kafka message queues, and employed MongoDB to manage metadata. Integrated a SpringBoot backend service, facilitating API calls from the React-based UI while enabling dynamic scaling of server and worker nodes based on CPU utilization.

Best Price Predictor | Angular, Python, Elasticsearch, Kibana

January 2022

- Developed a Machine Learning model for price prediction, winning the company hackathon event by enhancing the sales order tab's pricing data accuracy in the product.
- Leveraged Kibana dashboard for real-time result visualization and introduced an AI bot with an Angular UI/UX framework to present pricing data. Subsequently, the project successfully transitioned to a fully integrated feature.