PUNEETH GANTE HANUMAPPA

Boulder, CO | 720-843-8531 | puneeth4gh@gmail.com | linkedin.com/in/puneethgh | GitHub

EDUCATION

University of Colorado Boulder   Boulder, CO, USA
Master's in Computer Science - GPA: 4 / 4   *Aug 2022 – May 2024(expected)*

PES Institute of Technology   Bengaluru, KA, India
Bachelor of Engineering in Information Science - GPA: 8.59 / 10   *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   **Jan 2023 – Present**
University of Colorado Boulder   *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   **July 2018 – June 2022**
Electronics For Imaging (EFI), (now eProductivity Software)   *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 $CI\backslash CD$ deployments from a day to just 6-8 hours.
- Pioneered the establishment of the department's first $CI\backslash CD$ 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   **Jan 2018 – June 2018**
Electronics For Imaging (EFI), (now eProductivity Software)   *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.