SHANTANU PRAMANIK

SOFTWARE ENGINEER II

in linkedin.com/in/shantanu-pramanik

📞 +91-9585427880
✉ srs.shaan@gmail.com
⬤ shantanu0323
📍 Bangalore, India

SKILLS

- Java . Python . JavaScript . TypeScript . HTML5 . CSS3
- React JS . Node JS . Flask . Django . Spring Boot . Bootstrap . Tailwind CSS
- Microservices . Jenkins . CI/CD . Web Development . MongoDB . Docker . Kubernetes
- Communication . Adaptability . Leadership and Teamwork . Conflict Resolution

EDUCATION

Vellore Institute of Technology
Vellore, India   Jul 2015 - May 2019

BACHELOR OF TECHNOLOGY (BTECH) IN COMPUTER SCIENCE ENGINEERING

- GPA: **8.99** / 10

CERTIFICATIONS

MCSA & MCSE - Azure Cloud Platform and Infrastructure
MICROSOFT

May 2018 - Present

AWARDS & RECOGNITIONS

Cisco Connected Recognitions (CRs)
CISCO SYSTEMS INDIA PVT. LTD.

- Received a total of **4 CRs** for exceptional performance at work

Champion ECN(Early Career Network)er Award
CISCO SYSTEMS INDIA PVT. LTD.

- Received the **Best Performer of the Year 2020**

WORK EXPERIENCE

ThoughtSpot Inc.
SOFTWARE ENGINEER II

Bengaluru, India
Aug 2022 - Present

- **Designed** an actionable and responsive **web-application dashboard** through **React.js**, **HTML5**, **CSS3** and **TypeScript** by collecting failure data from multiple Jenkins pipelines through **REST APIs**, reducing recurring errors by **23%** and **enhancing** the overall pipeline health.
- Implemented **end-to-end workflow-based framework** on **Spring Boot** for Public APIs, **uncovering an average of 3 critical P0 bugs per release** and reducing post-release P1/P2 filings by **30%**.
- **Mentored** Junior developers in front-end technologies, improving overall team skills and increased project delivery speed by 40%.
- **Reduced the QA testing time** by **17%** through the implementation of **backend automation**, replacing manual testing of a critical feature using Cucumber Framework.
- Achieved an **85% ($4250) cost savings per month** in Natural Language Analysis, optimising dollars spent on LLMs by introducing core Machine Learning algorithms coupled with smartly pre-processed data.

o9 Solutions, Inc.
SOFTWARE ENGINEER II

Bengaluru, India
Nov 2021 - Jul 2022

- Transitioning C# plugins to PySpark in the o9 platform led to a **36% performance boost**. PySpark's compatibility with **Flask** facilitated seamless integration, enhancing flexibility and reusability.
- Facilitated a **20% improvement** in team productivity by guiding 3 junior engineers on the integration of design trends along with web development best practices during an ad-hoc project.

Cisco Systems India Pvt. Ltd.
SOFTWARE ENGINEER I -> II

Bengaluru, India
Aug 2019 - Nov 2021

- Designed and Developed a platform on **Flask** using **JavaScript** for router's feature tracking with **300+ fields**, achieving **90% internal adoption** and **230+ hits** and **110+ active users daily**. This added with the **95% decrease in rendering time** boosted the user's engagement **by 60%** through **template-based personalised** dashboards
- Brought a **40% surge in productivity** by launching a **Machine Learning platform** over Webex Teams, streamlining multiple portal logins and subsequent actions over a **secure off-VPN access** through **WebHooks**.
- Accelerated the **product shipment timelines by 10%** by automating the full scope of **vulnerability testing** for the router's features within the security team.
- Led a team of 2 and pushed code sustenance by **30%** through strategic project modularisation and refactoring in a **JavaScript** based project, achieving a **2X acceleration** in domain integrations.
- Decreased the time to update release notes for routers **by 20%** by introducing a **Flask** powered user-friendly dashboard with multi-threading for a **3X acceleration** in API-driven page loading.
- Introduced a **30% efficiency gain** in onboarding new-hires to the organisation by implementing a **mentorship platform** as a web-application hosted on Flask, loaded with features like **streamlined enrolment**, **wait-listing**, **calendar invites** and **real-time notifications**.