

# SHANTANU PRAMANIK


SOFTWARE ENGINEER II

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 shantanu0323

 Bangalore, India

## SKILLS

- Java | Python | JavaScript | C++ | HTML5 | CSS3 | MS SQL | NoSQL | jQuery | TypeScript | Spring
- Flask | Django | React JS | Bootstrap | Cucumber | Unit Testing | Jenkins | Git | Linux | CI/CD | Multithreading
- Microservices | Front-end | Backend | Full Stack | Web Development | Application Development

## WORK EXPERIENCE



**ThoughtSpot Inc.**

SOFTWARE ENGINEER II

Bengaluru, India

Aug 2022 - Present

- Designed an actionable **web-application dashboard** through **Flask, HTML5, CSS3** and **JavaScript** by collecting failure data from multiple Jenkins pipelines through **REST APIs**, reducing recurring errors by **23%** and **enhancing** the overall pipeline health.
- Improved the **time taken for Customer Found Defects (CFDs) fixes** by **15%** by leading the design and development of a test suite automation framework that stress-tested the public APIs and provided thorough insights into the **errors** and **common resolutions**.
- Implemented **end-to-end workflow-based testing** for Public APIs, **uncovering an average of 3 critical P0 bugs per release** and reducing post-release P1/P2 filings by **30%**.
- 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.
- **Reduced the QA testing time** by **17%** through the implementation of **backend automation**, replacing manual testing of a critical feature using Cucumber Framework.



**o9 Solutions, Inc.**

SOFTWARE ENGINEER II

Bengaluru, India

Nov 2021 - Jul 2022

- Added optimisations to the o9 platform, achieving **36% performance** boost by transitioning C# plugins to PySpark plugins, leveraging big-data capabilities and made it more generic and re-usable.



**Cisco Systems India Pvt. Ltd.**

SOFTWARE ENGINEER II

Bengaluru, India

Jun 2021 - Nov 2021

- Designed and Developed a platform 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** increased the user's productivity 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**.
- Accelerated the **product shipment timelines by 10%** by automating the full scope of **vulnerability testing** for the router's features within the security team.
- Boosted code sustenance by **30%** through strategic project modularisation and refactoring, achieving a **2X acceleration** in domain integration.



**Cisco Systems India Pvt. Ltd.**

SOFTWARE ENGINEER

Bengaluru, India

Aug 2019 - Jun 2021

- Decreased the time to update release notes for routers by 20% by introducing a 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**.

## EDUCATION

**Vellore Institute of Technology**

BACHELOR OF TECHNOLOGY (BTech) IN COMPUTER SCIENCE ENGINEERING

Vellore, India

Jul 2015 - Jul 2019

- GPA: **8.99 / 10**

## INTERPERSONAL PROFICIENCY

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<b>Communication Skills</b>	Headed a team initiative, resulting in a <b>20% increase</b> in client satisfaction through improved communication.
<b>Adaptability</b>	Pivoted project direction due to budget cuts by onboarding an open source alternative to a paid service. Led to an <b>85% cost saving</b> .
<b>Leadership &amp; Teamwork</b>	<b>Led a 3-member team</b> in architecting a new project, allocating modules based on expertise, and seamlessly integrating for a <b>successful project launch</b> .
<b>Conflict Resolution</b>	Implemented a <b>structured integration plan</b> with defined interfaces and protocols followed by regular integration testing and collaboration sessions, ensuring smooth integration and <b>reducing post-launch issues</b> .

## CERTIFICATIONS

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**MCSA & MCSE - Azure Cloud Platform and Infrastructure**  
MICROSOFT

Online  
May 2018 - Present

## AWARDS & RECOGNITIONS

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**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**