Nayan Seth

https://www.linkedin.com/in/nayanseth/

+1-000-000-0000 / email@email.com

http://github.com/nayanseth/

WORK EXPERIENCE

Cisco Systems Inc.   San Jose, CA, USA
Software Engineer III   Aug 2019 - Present
Software Engineer II   Aug 2017 - July 2019

- Designed & developed micro-services using RabbitMq, Java Spring, Docker and Kubernetes for quick and efficient processing of tasks
- Triaged issues via heap dumps and performance monitoring tools for scale & performance
- Built a generic data verification framework for integration tests which makes use of builder pattern and Java 8 lambdas
- Developed a repository of Python automation scripts to save time and increase productivity of fellow colleagues. A total of 1,000+ hrs of development time was saved.
- Used Python to build a scale testing framework
- **Patent** Underlay Network Formation (US10721133B2) granted on 21st July, 2020

Ericsson Inc.   Santa Clara, CA, USA
Software Develoment Intern   May 2016 - Aug 2016

- Developed an interactive demo in Mixed Reality and Virtual Reality which was showcased at IBC 2016

EDUCATION

Ira A. Fulton School of Engineering, Arizona State University   Tempe, AZ, USA
Master of Science, Computer Science   Aug 2015 - May 2017
  - **GPA** 3.7/4
  - **Thesis** Real Time Cross Platform Collaboration between Mixed & Virtual Reality

Dwarkadas J. Sanghvi College of Engineering, University of Mumbai   Mumbai, MH, IN
Bachelor of Enginerring, Computer Engineering   Aug 2011 - June 2015

SKILLS

- **Languages** Java, Python, C#, R, HTML, CSS, JS, PHP, C, AppleScript
- **Frameworks** Java Spring, Hibernate   **Databases** PostgreSQL, MySQL, MongoDB
- **Messaging** Kafka, RabbitMq   **OS** macOS, Linux Kernel, Windows
- **Cloud** Kubernetes, Docker, Elastic-   **Virtualization** VMWare, ESXI, KDE
  search

PROJECTS

- **VR Cricket** Built a game of cricket for Virtual Reality
- **Astra** Built a game using Virtual Reality and leap motion for real time hand tracking
- **VR Headset** Built an economical VR headset which tracks head movements using 3 Point LED tracking system and can be integrated with Unity3D game engine
- **Tobii Car Modeling** Built an app on top of Tobii to enable a disabled person to model a car
- **eCommerce** Built an e-commerce web app using PHP and relational database MySQL
- **SDN** Built a load balancer for open source SDN frameworks like Open Daylight and Floodlight
- **XSS Lib** Built a library for developers to sanitize input to prevent cross site scripting

MILESTONES

- **YouTube Partner** One of the first 40 YouTube Partners in India. Garnered more than 3 million views and 10,000+ subscribers
- **Book** Published a book on AppleScript which has been downloaded over 15,000 times