

Chetan Hireholi

INNOVATION & AUTOMATION · AWS ENTHUSIAST · DEVOPS & OPERATIONS · PHOTOGRAPHER

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Summary

I am involved in a multi-facet role: developer, solution designing & mentoring. In my current team, I try to bring in innovative solutions to help my team work efficiently and achieve the desired key performance indicators.

Specialities: AWS (Solutions Architect Associate certified), Docker, CI/CD using Jenkins/Github Actions, Apache Superset, Prometheus, Grafana & Cloud Foundry

Experience

Philips Healthcare, Software Technologist I

April 2020 - Current

KEY SKILLS: CLOUD FOUNDRY | JENKINS | DOCKER | APACHE SUPERSET | TASK AUTOMATION | ACCOUNTABILITY |

RISK ASSESSMENT | PROJECT MANAGEMENT | MENTORING |

Bengaluru, Karnataka, India

- Became a point of contact in my team to gather requirements and help **strategize CI/CD frameworks**.
- Implemented **automated deployment framework** using **Jenkins+Python**. Extending this framework to **'one-click' direct deployments to Cloud Foundry**.
- Demonstrate **creativity and innovation** in implementing critical **dashboards for Production** environments using **Apache Superset**.

Philips Healthcare, Software Engineer I - Software DevOps Engineer II

June 2016 - March 2020

KEY SKILLS: CLOUD FOUNDRY | AWS (EC2, IAM) | PROMETHEUS | GRAFANA | NGINX | POSTGRESQL | PYTHON | GO |

JAVA | REQUIREMENTS GATHERING | STAKEHOLDER COMMUNICATIONS | SECURITY CONSCIOUS CODE | Q&A TOOL

VALIDATION

- Implemented a **real time production monitoring mechanism using Prometheus and Grafana** by replacing New Relic. This proved to be cost efficient and **saved around \$110k of licensing cost**. Altered Prometheus exporters for customised metrics for monitoring of Postgres, Cloud Foundry, EC2 instances in AWS. Configured a reverse proxy using Nginx and implemented basic authentication for security. Additionally, configured alerting mechanisms via PagerDuty, Slack/Teams bots and Emails.
- Played a key role in driving and managing a board meeting including various Scientists, Remote Monitoring Engineers and Stakeholders where critical production issues are discussed and **deployed proactive and predictive models on Rapid Minder/On-Premises/Cloud environments**.
- Played a **key role in on-boarding ServiceNow** to the Production environment. Was involved in various activities such as: gathering requirements, setting up end2end work-flows, validating, passing on knowledge to the teams and communicating to stakeholders.
- Development efforts: Helped in **implementing a Key Performance Indicator dashboard on Java/Spring-boot/AngularJS** enabling the Management to get real-time Production metric updates

Philips Healthcare, Project Trainee (Internship)

July 2015 - June 2016

KEY SKILLS: JAVA | GEMINI(TICKETING TOOL) | SERVICE NOW | MICROSOFT TEAM FOUNDATION SERVER (TFS)

- **Managed multiple project-specific issues with a focus on detail**. Was involved in troubleshooting P1 - P4 client bugs and incidents. **Proactively communicate** ticket resolutions to end users and stakeholders.
- **Increased team productivity by 40% through automating essential graphs and reporting** which enabled the Management to get centralized view on tickets and resource consumption via Kanban and Scrum boards on Gemini and Microsoft TFS.
- Advise team members on technology adaptation, methodologies and processes to increase productivity.

Skills & Tools

Programming: Python, shell scripting
Web technologies: HTML5/CSS, NodeJS, Nginx
Operating Systems: Linux (CentOS, Ubuntu), Windows, Mac
Databases: PostGreSQL, Vertica, MySQL
Cloud Platforms: Cloud foundry, Github/Gitlab, AWS (S3, EC2, IAM, Route53, RDS)
DevOps Tools: Jenkins, Docker, Prometheus, Grafana, Superset, Git

Certification & Awards

AWS Solutions Architect Associate

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Bengaluru, Karnataka, India

Oct. 2020 - Oct. 2023

ITIL Foundation Certificate in IT Service Management

LICENSE GR750279439CH

Bengaluru, Karnataka, India

Dec. 2016 - Present

Program Increment and Spot Awards for living the behaviour

PHILIPS HEALTHCARE

Bengaluru, Karnataka, India

2017, 2018

Education

PES University

M.TECH. IN SOFTWARE ENGINEERING

Bengaluru, Karnataka, India

June 2014 - August 2016

Visvesvaraya Technological University

B.TECH. IN COMPUTER SCIENCE AND ENGINEERING

Bengaluru, Karnataka, India

July 2010 - July 2014

Extracurricular Activities

Hackathons

PHILIPS HEALTHCARE, HACTOBERFEST

Bengaluru, Karnataka, India

2016, 2017, 2019

- Automated prescription with the help of Amazon Alexa [In collaboration with Philips Research]
- Automated deployments to specific environments
- Contributed to Open Source projects in GitHub

Technical seminars

PES UNIVERSITY

Bengaluru, Karnataka, India

2015, 2016

- Future of Internet of Things. Documentation available for download on SlideShare: click- PowerPoint presentation
- Crime Analysis and Prediction using Data Mining. Documentation available for download on SlideShare: click- PowerPoint presentation

Photography

GENRE: STREET, PORTRAITS, BLACK AND WHITE.

2018

- Featured on **Unsplash Editorial**. (1,000,000+ views and over 3,672+ downloads)
- Associated photo-projects with CARE (Charlie's Animal Rescue Center) for animal adoptions.