

Arjun Chakravarthy Nunugonda

Software Engineer

Diligent professional with 2.9 years of industry experience, ability to leverage full-stack expertise, passion to learn every day, and build robust solutions that simplify day-to-day workflows on the floor.

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WORK EXPERIENCE

Software Engineer III (Full time)

FactSet Research Systems Inc.

06/2018 - Present

Divyasree NSL Orion, Hyderabad

ABOUT COMPANY: Portware, a FactSet product, is an execution management system with advanced decision intelligence, analytics, and trade automation.

Description

- Within the **first 3 months of joining**, Implemented a web app that indexes the SVN and query codebase, improving the search time to **milliseconds from an hour**.
- Pioneered the use of virtualization using Oracle Virtualbox and **transformed the debug and testing** practices.
- Built the CI infrastructure from scratch that increased the team **efficiency by 40%** within the first two months after the rollout.
- Automated the tedious steps in our product deployment, and that brought down the **manual efforts to near-zero**.
- Devised MS Teams workflow which lets team members closely monitor AWS resources that have **saved around \$4000/month**.
- Designed and developed every layer of tech stack such as **UI/UX, backend, persistence, and deployment** for log access infrastructure with CI-CD, and delivered the solution successfully before the timeline.
- Defined web services on our monolithic product and streamlined **complex workflows in the CI pipeline**.
- Mentored the dev activities of internal **internship programs**.
- Got promoted twice within a 2.5-year timeframe for exceeding expectations in subsequent roles: **Software Engineer I, II, and III**.
- Contributed actively to **product development** in addition to specification, design, coding, reviews, tests, and DevOps.

Project Intern

FactSet Research Systems Inc.

01/2018 - 03/2018

Mindspace, Hyderabad

Description

- Implemented a search solution using Elastic Search engine to index millions of records making the glacier data searchable.
- Researched open-source search engines for indexing data with wildcard, regex, date, and compound querying.

EDUCATION

Bachelor of Technology - CSE

Jawaharlal Nehru Technological University

2013 - 2018

Responsibilities

- Technical coordinator for QUEST 17
- Coordinated and handled live stream at workshops
- Designed the annual fest website
- Handled digital media such as quality posters, video content

SKILLS

Java

Springboot

Microservices

JS

HTML

REST

JSP

Maven

AWS

WebSockets

S3

EC2

Lambda

Firebase

Docker

Jenkins

GitHub

Heroku

Sonarqube

Ant

Groovy

Kafka

CI-CD-CT

DevOps

PROJECTS

Webterminal (12/2020 - 03/2021)

- Web terminal is an experimental web server that boasts a powerful feature - **Remote command execution**, with the life cycle, params, monitoring, and much more.
- Pluggable actions can be created without code changes. The server brings the **power of execution to fingertips**.
- **TECH:** Java, Spring, Vanilla JS, Websockets.

EC2 - Microsoft teams bot (11/2020 - 12/2020)

- Implemented a chat assist that can monitor, control, and notify about resources on AWS micro-accounts.
- **TECH:** AWS Lambda, Cloudtrail, MS Teams SDK.

Shopping assist (10/2017 - 04/2018)

- Worked on an intelligent shopping cart that can detect products by scanning barcode and image detection as a prototype for **checkout-less shopping**.
- **TECH:** Android SDK, Firebase, Google Cloud Vision.

ACHIEVEMENTS

STAR Performer - 2020

Achieved recognition for consistent exceptional performance. Awarded to top 3 in the department.

Speed Sprint - Winner (01/2019 - Present)

Implemented innovative and efficient solutions at quarterly coding events and bagged multiple cash rewards.

SOFT SKILLS

Communication

Proactive

Persistence

Fast-paced

Accountability

Team player

Positive Attitude

Attention to detail