

# Arjun Chakravarthy Nunugonda

## Software Engineer

Diligent software professional with 3 years of industry experience, with a passion to learn every day, ability to leverage full-stack expertise - backend, UI/UX, database, and DevOps, and build robust solutions that simplify 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-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 and internal sessions
- Designed the annual fest website
- Handled digital media for events such as quality posters and video content

## SKILLS



## 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 and 2021

*Achieved recognition twice 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

