ANANDA BHAASITA DESIRAJU

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TECHNICAL SKILLS

Technical Languages: Java, Golang, React, Typescript, HTML/CSS, JavaScript, C, C++, Unix, Python, SQL, GraphQL

Technologies & Frameworks: Git, Postman, Datadog, Jest, Mocha, Retool, JUnit, Maven, TestNG

Databases: Postgres, MongoDB

WORK EXPERIENCE

Software Engineer | July 2021 – Present

Bolt Financial | San Francisco, CA

- Polished 14+ checkout features, using **React** and **Typescript**, resulting in a 56% increase in performance, reliability, checkout conversion rate, and repeat purchase behavior.
- Revamped a standalone one-time password (OTP) component, replacing 85% of the legacy implementation.
- Enhanced the user interface experience for 8 distinct checkout components, including checkout exit, shipping error handling, session timeouts, payments, etc.
- Implemented APIs with unit tests for checkout links, using **Golang**, **React**, and **Typescript**, enabling shoppers to purchase online and pick up in-store, resulting in a 35% increase in total orders.
- Drafted a comprehensive design spec for onboarding merchants and ensured the successful completion of the project within a 3-month timeframe.
- Streamlined the onboarding process for new merchants by designing **GraphQL**-based APIs, leading to a 60% reduction in onboarding time and a 30% decrease in engineering involvement.
- Resolved 50+ checkout-related bugs and accessibility (ADA) issues.

Software Engineering Intern | May 2020 – Aug 2020

Nutanix | San Jose, CA

- Built **REST APIs** for lint checkers in **Java**, with ~95% unit test coverage, for open API specs, and ensured API consistency by running a static analysis during the build stage.
- Constructed a custom **Maven** plugin to seamlessly integrate all 22 rules of the lint checker module into the build system and thoroughly documented the entire project.
- Generated output reports for lint checker APIs by creating **Handlebars** templates.
- Extended provisioning support of the database service to 5 different databases (Postgres, Oracle, MySQL, MongoDB, and Microsoft SQL).
- Modified the database service to manage a static pool of 1000s of IP addresses within **AWS**.

Software Engineering Intern | Jun 2017 – Aug 2017

Cisco | San Jose, CA

- Developed **REST APIs**, with 100% unit test coverage, for critical features, including time zones, password recovery, user personalization, and mail services, using **Java**, **Spring Boot**, and **MongoDB**.
- Created **REST controllers** for updating DNS and NTP configs on updating system settings, with 100% line and branch coverage for unit tests.
- Wrote unit tests for a **MongoDB** open-source module, that provides annotated support for aggregate queries using **Java** for 3 different functions (count, sort, and limit).
- Restored network connectivity within a week after a hurricane in Puerto Rico in 2017 as a part of Cisco's volunteering program.

EDUCATION

Master of Science in Computer and Information Systems | Aug 2019 – Apr 2021

University of Florida | Gainesville, FL

Bachelor of Technology in Information Technology | Sep 2014 – Apr 2018

R.V.R & J.C. College of Engineering | Guntur, India