

# BHAVITHA INNAMURI

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## Education

### University of North Texas

Sep. 2021 – Dec 2022

*Masters in Science in Computer Science(CGPA: 3.87/4.0)*

*Denton, Texas*

## Professional Experience

### Member Technical Staff - Zoho Corporation

Jun 2020 – July 2021

*Technologies: Spring, Hibernate, SQL, JavaScript, React, AWS CSS*

*Chennai, India*

- Developed a back-end server with Spring Boot, involving different layers of the application including entity/model, DAO/repository, Controller, Service, Business, and Persistence
- Designed & implemented a database using Hibernate (ORM), resulting in a more efficient way to store and retrieve data
- Devised server-less architecture with AWS lambda to store data in S3 buckets, reduced processing time by 30%.
- Followed Test Driven Development using test classes in JUnit for unit testing, which led to more reliable code.

### Software Engineer - Zoho Corporation

Jun 2018 – Jun 2020

*Technologies: React, Javascript, Java, HTML/CSS*

*Chennai, India*

- Implemented Redux to resolve the application's global state management for login status across pages without cookies
- Successfully reduced 15 % of code duplication by abstracting code into reusable Redux actions and reducers
- Created functional and reusable React components using Hooks which can be used across the website
- Worked extensively with version control tools like Git and SVN for managing code repositories and releases

## Academic Experience

### Graduate Teaching Assistant

Aug 2021 – Present

*Software Engineering and Intro to Computer Science*

*University of North Texas*

- Supervised and evaluated students performance in weekly assignments and mid-terms
- Explained complex concepts in small group setting, grade assignments and examinations

### Software Intern

May 2016 – Aug 2016

*Python Textbook Companion*

*Indian Institute of Technology, Bombay*

- Developed the software counterpart which included problems and solutions from the textbook Engineering Thermodynamics
- The software development cycle involved critical reviewing and developing lucid solution to industry problems in Engineering courses

## Projects

### E-commerce web application | React, Node, Mongo, Express

Sep 2021

- Coordinated with team of 8 in finalizing the design and conceptualized a new GUI with efficient UX
- Integrated search and filter features which help users to browse through only products with specific category, price range
- Remodeled and developed various charts, reports based on sales data which help vendors to analyze data
- Incorporated features that allow users to properly understand pricing and get an estimate cost to rent a storage space

### Art-Store Web Application | Java, SQL, Hibernate, AWS

Jan 2022

- Managed a team of 5 developers, delegating tasks and ensuring timely completion.
- Envisioned the whole set of web-apps and the different technologies to be used to develop the various parts of the project
- Enhanced database interaction using Hibernate annotations-based mapping with MySQL
- Implemented a server-less backend entirely using AWS Lambda, API Gateway and S3

### Social Networking Application | React, Node, Mongo, Express

July 2022

- Built a social networking web application from the ground up, including front-end and back-end development
- Created a user registration system that uses JWT for authentication, resulting in increased security and fewer hacks
- Created middleware to handle requests from open APIs, reducing response time by 50%.
- Hosted entire application on Heroku with Github integration, allowing for seamless and continuous delivery

## Technical Skills

**Languages:** Python, Java, PHP , C/C++, HTML/CSS, JavaScript, SQL

**Frame work/Libraries:** Spring MVC, Spring Boot, JSP, Hibernate, Node, React

**Datebase:** SQL, SQL server, MonogDB, PostgreSQL

**Version Control:** Git, Github, Bitbucket

**Cloud:** AWS, Azure, Heroku