

# Abhiram Alluri

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## EDUCATION

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**University of Texas at Dallas**  
*Bachelor of Science in Computer Science*

Richardson, TX  
*Aug. 2018 – May 2022*

## TECHNICAL SKILLS

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**Languages:** Java, Python, C/C++, SQL, JavaScript, HTML/CSS  
**Frameworks:** React.js, Node.js, Angular.js, Ionic, JQuery, Material-UI  
**Developer Tools:** Git, Docker, AWS, VS Code, Visual Studio, IntelliJ, Eclipse, Postman

## PROJECTS

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**Senior Design Project (Toyota Financial Services)** | *Angular.js, Express.js, MongoDB, Node.js, Postman*

- Refined and expanded an “Operations Management Platform” to manage rental assets and assist service providers
- Diagnosed and resolves unresponsive Angular code by combining Ionic framework with the existing code
- Developed backend skills by using Express.js on Node.js, and MongoDB as the database for the application. And worked with Postman for API testing and modification.
- Enhanced asset flow by creating new backend routes which helped the application to be more streamlined
- Optimized status and communication updates by suggesting and developing a notification center

**Crypto tracker app** | *React.js, MongoDB, Express.js, Node.js, Git, Material UI*

- A dashboard app that displays the value of various crypto currencies.
- Users will be able to bookmark and track their favorite currencies by creating their own user profiles.
- Used Material UI for the front end themes.
- Containerized the application using docker and deployed through AWS.

**Developed a Database system for a Restaurant (Mock)** | *SQL, MySQL Workbench*

- Developed a mock restaurant database using MySQL Workbench along with ERD's, schemas and a Data Dictionary.
- Wrote queries to perform CRUD operations.

**Portfolio Website (responsive web application)** | *JavaScript, HTML/CSS, JQuery*

- A website to display my portfolio and give an overview for potential recruiters. Used HTML and CSS for design.
- Used multiple jQuery functions such as scroll and click to perform actions involving navigation bar and menu.

**Client-Server Chat Application** | *Java, Socket Programming*

- Built a chat application using socket programming in Java
- Established a two-way connection between the client and the server following the TCP protocol

## EXPERIENCES AND CERTIFICATIONS

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**Senior Design Project (Toyota Financial Services)**

- Participated in sprint planning and sprint retrospective regularly.
- Helped the team in breaking down a large epic into user stories
- Was responsible to hold weekly scrum meetings with the business unit and the project coordinator to make sure we are making progress
- Experienced in working with a kanban board to streamline and manage the flow of the sprint

**Member of Artificial Intelligence Society (AIS)**

- Attended many workshops and events where I had the opportunity to learn about the fundamentals of AI, Natural Language processing, reinforcement learning and neural networks
- Learned about the ethical implications of AI on our society

**AWS Certified Cloud Practitioner** | *September 2022*