

SAI KRISHNA NADELLA

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PROFESSIONAL SUMMARY

- AWS Certified Developer Associate with 2+ years of software development experience and 4 years of academic experience.
- Experience in Developing User Interface (UI) Rich Web Applications using HTML5, CSS3, Object Oriented JavaScript, Bootstrap, ReactJS, Angular4, Ajax Concepts and Back-end REST-API services using Node JS.
- Proficient Working experience in designing database, writing SQL Queries, Stored Procedures, Functions, DB Triggers.
- Experience in implementing and consuming REST and SOAP web services.
- Strong experience building and maintaining production systems on AWS using EC2, RDS, S3, ELB, VPC, Cloud Formation, etc. and familiarity interacting with the AWS API's
- Experience in Implementation of API's

EDUCATION

- **Masters in Computer Sciences**, University of North Carolina at Charlotte. **Dec 2018*** GPA: 3.5/4.0
- **Bachelor of Technology in Computer Science**, KL University, India. **Apr 2017** GPA: 8.5/10

TECHINICAL SKILLS

- **Languages:** Java, JavaScript, Typescript, Python, C.
- **Web Technologies:** J2EE, HTML5, CSS3, Bootstrap, JSP, Servlets, JSON, XML.
- **JavaScript Technologies:** Angular2, Angular4, React.js, Node.js, Express.js, Web pack, Babel.
- **Database/Big Data:** Mongo DB, NOSQL, Hadoop, Spark, MySQL, Oracle PL/SQL.
- **Frameworks:** Spring MVC, Spring Boot, Hibernate, JUnit.
- **Other Tools:** Git, GitHub, Jenkins, Eclipse.

PROFESSIONAL EXPERIENCE

Research Assistant, UNC Charlotte.

Apr 2018-Present

- Worked on existing web application of School of Nursing on both front-end and back-end as a full stack developer.
- Created Angular4 components and custom directives for application functionality and implemented lazy loading and AOT to improve application quality and performance in low bandwidth connections.

Software Developer Intern, Infosys

Jan 2017-June 2017

- Developed RESTful API and UI Screens for Their Application Using Angular 2, Bootstrap.
- Developed applications using Spring Boot with REST Service Architecture and created activity diagram Flow.
- Implemented DAOs, entities using Hibernate API and Hibernate QL.
- Followed agile & Scrum methodologies, had sprint planning every two weeks and Performed Unit Testing with JUnit.

Research and Development Coordinator, KL University

Aug 2015 – Sep 2016

- Responsible for developing web application for the Software Engineering Associates club of Computer Science using, HTML5, CSS3, Bootstrap, JSP, Java, MySQL.
- Involved in the development of custom Oracle PL/SQL stored procedures, functions, packages, triggers and views.

ACADEMIC – PROJECTS

UNCC-News (React v15.6, React-Router v4.0, Redux)

- Uncc News (niner) is the source for UNC Charlotte campus news, sports, entertainment, opinion and more.
- This application is developed using React-Redux framework and allows the users to browse through campus news, opinion and pictures taken by students at the campus.
- Deployed in AWS | <http://ninernews.s3-website-us-east-1.amazonaws.com/>

Books-Author Rest API (Node.js, Mongo DB, Express.js)

- Books-Author API is a Rest API which is used to retrieve the information about the books by searching with author or Id.
- Implemented using Node.js and MySQL was used as back-end database

E-Commerce application (JAVA, Angular 4, Spring Boot, Hibernate, MySQL)

- Developed an ecommerce application using angular 4 and spring framework.
- The application allows the user to search for an item, add an item to cart, checkout and bid for the item.
- Involved In agile & scrum methodologies.

Internship management System (, JAVA, HTML5, CSS3, bootstrap, Hibernate, MySQL)

- Developed a web application that will allow students to apply for internships, search for the companies that offer Internships, Update their Profile and the university will keep the Track records of the students placed.

Census Income Prediction (Python, Gradient Boosting, Random Forest Classifier, Data Pre Processing, Feature Engineering)

- Built a Classification Model to classify a person's income level using Census Income Dataset from UCI repository.
- Preprocessed & performed exploratory data analysis to handle missing values, outliers and identify correlation between features.
- Implemented Gradient Boosting and Random Forests algorithms to develop the model and achieved 87% accuracy with Boosting.