

Nehal Kathale

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EDUCATION

University of North Carolina at Charlotte , Charlotte, NC	August 2021- December 2022
Master of Science in Computer Science	
Courses Taken: Algorithms and Data Structures, Intelligent systems, Database systems, Knowledge Discovery in Databases, Big Data Analytics for Competitive Advantage, Network Based Application Development	
NBN Sinhgad School of Engineering , Pune, India	June 2014 - May 2018
Bachelor of Computer Engineering	

TECHNICAL SKILLS

Computer Programming Language: Core Java, Spring Boot, Hibernate, Junit Python, Rest API	Frontend Development: JavaScript (ES6), Node.js, AngularJS(JavaScript frameworks), React, JSP, HTML5, CSS3, Bootstrap, JSON/AJAX, jQuery, XML
Database Management: MySQL, MongoDB, HQL	Softwares, IDE and Subversion source control: JIRA, GIT, SVN, BitBucket, Postman, IntelliJ, Eclipse
Data Analytics Tools and Frameworks: Tableau, PowerBI	OS Platforms: Windows, Unix, Linux

WORK EXPERIENCE

Q2 , Austin, United States	May 2022 – Current
Software Engineer Intern	
Role:	
<ul style="list-style-type: none">Working on software UI/UX projects that supports financial institutions and interact with end users integrated with internal and external services.Developing UI components for shared design system according to guidelines provided by design teams.Converted 25% of legacy components to tecton. (Tecton is a web component directory developed by Q2 using Spring.js).Used build and deployment tools NPM/Yarn and Jenkins.	
University of North Carolina , Charlotte, United States	January 2022 – May 2022
Teaching Assistant	
Role:	
<ul style="list-style-type: none">Developing/finalizing assignments for Python, JS, JSON, AJAX, Test Driven development. Grading tests and assistance with lab sessions. Transferring software engineering concepts and methodologiesHolding regular office hours to support undergraduates.	
Idmission Solution Pvt Ltd , Pune, India	July 2018 - July 2021
Software Engineer	
Role:	
<ul style="list-style-type: none">Developed two J2EE web-based applications using Java for backend and JavaScript, JSP, CSS for frontend. Applications encompass financial services, customer management services with identity verification, ID authentication and automated process for KYC. Using this infrastructure client has reduced 90% of fraudulent activity.Integrated google Firebase Reward Referrals and Firebase Cloud messaging in applications which helped to increase the success rate of sending and receiving notifications to 98%.Duties included but not limited to translate business needs into system requirements, root cause analysis and defect tracking, test designs and test cases, database design (RDBMS), software development, full stack web development, hands on debugging skills, code review, perform unit testing.Worked on Agile development strategy (Software development life cycle SDLC) which involved principles: Sprint Planning, Refinement Call, Status Call, Scrum, Estimation and Retrospective PlanningPresented introductory sessions for new joiners to give a brief understanding of products and code design.	

ACADEMIC PROJECTS

Object Detection Using React	July 2022
<ul style="list-style-type: none">Created image detection app using React and Tensorflow.js(COCO SSD)Using this application user will be able to see different elements highlighted with different colors which are detected by TensorFlow model.	
Web application for Art trading	January 2022
<ul style="list-style-type: none">A model view controller (MVC) web application development using Node.JS, mongo DB, and UI	

building with EJS, HTML, CSS and bootstrap, where users can trade artwork like paintings, sculptures.

- Implementing data association and user authorization, password management using Bcrypt
- Handled sessions and cookies

CERTIFICATIONS

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| • AWS Academy Graduate: AWS Academy Data Analytics | March 2022 |
| • JavaScript Essential Training (LinkedIn) | December 2021 |
| • Applying SQL to Real-World Problems (DataCamp) | November 2021 |
| • Joining Data in SQL (DataCamp) | September 2021 |
| • The Complete Node.js Developer Course | April 2021 |

ACHIEVEMENT

Employee of the Month	May 2019
Rewarded as an employee of the month in recognition of dedication, passion, and hard work	