

Keerthana Thoddoon Ravi

Boston, MA | +17812283315 | thoddoonravi.k@northeastern.edu | keerthanaravislm@gmail.com
<https://github.com/keerthana-ravi-thoddoon> | <https://keerthana-ravi-thoddoon.github.io/#/>

Proactive and result oriented Full Stack developer with 5 years of experience in developing web applications to provide solutions to the real world problems. Experienced in developing Angular JS Framework UI development building high performing presentation layers, building reusable components, and performance optimization. Highly skilled in various AWS services and architectures.

Technical Skills:

Languages: JavaScript , Java , SQL, HTML, CSS, SCSS, TypeScript
Middle Tier: Spring MVC, Hibernate, REST API, Node.js, Express.js, Sequelize, Mongoose.js
Frameworks: Angular, Angular Material, Bootstrap, Java Swing
Database: MongoDB, MySQL
Tools: NetBeans, Eclipse, VS Code, Postman, MongoDB Compass, IntelliJ, MongoDB Atlas
Application Server: Apache Tomcat , IBM WebSphere
Version Control: GitHub, AWS, Bit-Bucket
Infrastructure: Terraform , Circle CI
Cloud: S3, EC2, Code Deploy, RDS, SES, SQS, SNS, Lambda, Route53, VPC, CloudFormation

Education:

Northeastern University, Boston, MA | Master of Science in Information Systems April, 2021
Course Work : Application Engineering and Development, Concepts of Object-Oriented Design - JAVA, Web Development Tools and Methods, Web Design and User Experience, Network Structures and Cloud Computing, Programming with Data Structures and Algorithms, UI/UX
Bharathiyar University, India | Bachelor Of Science in Information Technology May, 2012

Work Experience: Feb, 2013- July, 2015

Project Engineer – Wipro Technologies, India

- Involved in multiple releases as part of development team by fixing client bugs in a stipulated time and developed new enhancements
- Initiated and developed an in-house web application using angular and node.js to track employees work activities and report a mail to team leads
- Developed process monitoring application using javascript, node.js, CSS, HTML
- Received Spot award twice for effective contribution during product release

Software Engineer - Southern Automation

June, 2016 – July, 2019

- Designed software solutions, driving continuous improvement to processes, systems, work flow and customer responsiveness.
 - Developed, tested, and maintained Java REST APIs using J2EE and MySQL database in a microservice architecture
 - Gained first-hand experience in Java, Spring MVC, Spring Boot, Hibernate, and MySQL principles
 - Enhanced development of web-based ticket management system that improved efficiency by 20%
-

Academic Projects:

Legal Aid System (Java, Java Swing, Junit, JFreeChart, JavaMail) Nov 2019 – Dec 2019

- Developed java swing application to assist law firms manage customer requests and track pending complaints
- Implemented charts functionality using JFreeChart to analyze and manage finance of the firm
- Incorporated the mail functionality to help customers track the status of the complaints

PennyWise (Angular, Angular Material, SCSS, Node.js, Mongo DB) Nov 2019 – Dec 2019

- Designed and developed a UI rich web application to manage expenses and help in set monthly budgeting
- Custom budget limits can be set to alert the user while limit is exceeded
- Integrated the application with Google API for secure login with google account

E-Commerce App (Bootstrap, Java, Spring MVC, Hibernate, MySQL) Mar 2020 – Apr 2020

- Built a secure web application to help users buy, sell and review various products

BookStore (Angular, Node.js, Sequelize, Terraform, CircleCI) May 2020 – Aug 2020

- Developed a web application and hosted in the AWS EC2 instance along with using s3 bucket to store images and RDS to store data
- Implemented the CI/CD pipeline via github, CircleCI and CodeDeploy