

# Manoj Kumar Gurram

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## EDUCATION:

**Anna University – St. Joseph’s College of Engineering**

August 2014 - April 2018

Bachelor of Engineering – Computer Science and Engineering (GPA – 8.1/10)

## PROFESSIONAL EXPERIENCE:

**Accolite Digital India Pvt Ltd.**

October 2020 – Present

Senior Software Engineer (Full Stack Engineer – Java, NodeJs)

### ❖ Pediatric Associates

- ✓ Created multiple backend endpoints in Spring boot & nodejs connecting to AWS DocumentDB.
- ✓ Converted several different file formats to pdf using groupdocs conversion package.
- ✓ Worked widely in AWS S3 for uploading & downloading of files.
- ✓ Created multiple UI components using reactjs.

**Virtusa Consulting Services Pvt Ltd.**

May 2018 – October 2020

Associate Engineer (Full Stack Developer – Java, Angular, NodeJS)

### ❖ CitiDirect Project – Corporate global Banking Product

- ✓ Applied Spring Rest concepts and standards using Java in Interface Layer and worked in RESTful Web Services.
- ✓ Applied MVC architecture in Angular development and incorporated 3<sup>rd</sup> party plugins into the application to make the application more reliable and durable.
- ✓ Worked in Oracle SQL database, for performing relationships and for writing procedures and NoSQL database for CRUD operations as well as for authorizing client’s records.

### ❖ IBM Health Insights Explorer (HIE)

- ✓ Worked in Ansible for application deployment and for configuring application. Developed procedures in database for faster execution and for future uses.
- ✓ Applied Design patterns notably Factory and Singleton pattern to ease up development. Debugging and fixing defects, during deployment time.
- ✓ Working in Restful Service using Spring boot which fetches drug categories from database and displays drugs, drug uses based on input from users and also calculate dosage of drugs based on given parameters

## SKILLS:

<b>LANGUAGES:</b>	Java, Python, C
<b>WEB TECHNOLOGIES:</b>	JavaScript (ES6), Node.js, HTML, CSS3, Bootstrap
<b>FRAMEWORKS:</b>	Spring Boot, Express.js, Angular, React, Django
<b>TOOLS/IDE’S:</b>	Visual Studio Code, IntelliJ, PyCharm
<b>DATABASES:</b>	MongoDB, PostgreSQL, MySQL, PL/SQL
<b>VERSION CONTROL:</b>	GitHub, Bitbucket
<b>ADDITIONAL SKILLS:</b>	WebServices, MicroService Architecture, Design Patterns

## PERSONAL PROJECTS:

U.G Project

- ✓ **A Secure Authentication for Internet banking using Pixel Mapping passwords**  
Developed a fully integrated banking authentication system, where user is authenticated in 3 levels which are; A regular login system, image captcha and a pixel mapping – where the user draws a pattern in a section and the pattern is calculated based on pixels which is further encrypted and sent to his mail ID for authentication using Servlets, JSP and web technologies.
- ✓ **Flick: The Movie Guide**  
Developed a Dynamic web application based on movies, celebrities and shows using Angular and Bootstrap. It can be accessed in this link <https://pas-time.000webhostapp.com>
- ✓ **Prison Break – A JavaScript 2D Game**  
Developed a 2D game based on ECMAScript 6 Standards using JavaScript. It can be accessed in this link <https://codesandbox.io/s/github/Manoj381997/prison-break>
- ✓ **Custom-made Employee Management System**  
A fully developed employee management system, with features including Creation, Updating, Deletion and checking the details of a specific employee; which is done using Spring Boot, Spring JPA, and Spring REST. Designed the front end of the application in Angular.
- ✓ **COVID-19**  
Developed a web application that keeps track of real-time spread of COVID-19 in India as well as across the world. Developed using Angular 9 and other libraries. Can be accessed via <https://Manoj381997.github.io/covid-19>
- ✓ **BootCamper Api**  
Created a complete set of backend api's for creating bootcamps, courses, reviews and account management for users using nodejs. Uses mongoDB to persist data and uses JWT for authentication. Created documentation using swagger. Can be accessed via <http://bootcamper-env.eba-awepkpv.ap-south-1.elasticbeanstalk.com/api/v1/swagger/>