

Het Shah

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<https://github.com/het3008>

EXPERIENCE:

New York Institute of Technology

Graduate Assistant

- Help approx. 10 student's weekly on subjects related to Computer Science, **Operating System**, and **Maths**.

New York, USA

March 2021-Present

Maxgen Technologies Pvt Ltd, India

Software developer

- Involved in **SDLC** requirements gathering, analysis, design, development and testing of application, developed using **AGILE/Scrum methodology**
- Design and develop **Microservices** and **REST API** based on client requirements using **Spring boot** framework
- Used **spring validation** and wrote Validation rules.
- Accelerated **query response time** by 9% in Spring Boot application by restructuring code with latest Spring Boot and **Java libraries**

Gujarat, India

Dec 2018 – Dec 2019

PROJECTS:

Route Handler [Node.js, Express.js, Passport, Mysql, HTML, CSS, JavaScript]

- Developed server-side **asynchronous API** with node.js runtime, which uses **33% fewer lines** of code, 40% fewer files and doubles the number of requests served per second .
- Designed web pages for login, register and review using **Javascript**, bootstrap, CSS and HTML
- Added **CRUD** functionality to interact with database applications

Asynchronous-Message-Service [Java, JavaFX, Multithreading, asynchronous, queues]

- Implemented an **asynchronous message** service consisting of a server process and three clients.
- Developed functionality where two or more clients would not be able to use the same username **simultaneously**.
- Created 3 options for **message communication** of one to one, multicasting and broadcasting.
- Implemented **Queue** for storing messages.

Bank Application[Core Java]

- Set up an application for new **bank account requests**.
- User details of Name, Social Security Number, Account Type and Initial Deposit get from **.csv** file.
- **Unique an account number** generate infinite time as per account type, SSN ,5 digit unique number and 3 digit random number.
- Created **Show Info** method that prints all the information as per the user input.

SKILLS

Programming

Java, Python, C++, JavaScript

Languages:

Database Systems:

MongoDB, MySQL , JDBC

Web Technologies:

Node.js, Express.js, jQuery, Bootstrap, HTML5, CSS3,JSON Passport, Servlet, JSP, Rest API

Frameworks:

Spring Boot, JavaFX

Cloud Services / Tools:

Amazon Web Services (EC2, ELB, Auto Scaling, S3, API Gateway, RDS, VPC peering), Docker, Hadoop, Git, Node Package Manager (NPM), Word, Excel, PowerPoint, Firebase, WebStorm, PyCharm, IntelliJ IDEA, Net Beans, Eclipse, VSCode

EDUCATION:

New York Institute of Technology

Master of Science in Computer Science

December 2021(Expected)

GPA: 3.58

Gujarat Technological University

Bachelor of Engineering in Computer Engineering

June 2018

GPA: 3.70

ACTIVITIES :Prayas (L. J. institute of Technology), Ahmedabad, India

- Teaching students as a volunteer at L J Institute of Technology under. Help **approx. 30** student's weekly