

Het Shah

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EDUCATION QUALIFICATION

New York Institute of Technology	GPA-3.65/4.0
MS Computer Science	2020 - 2021
Gujarat Technical University, India	GPA-3.7/4.0
BS Computer Engineering	2014 - 2018

TECHNICAL SKILLS

Programming languages: Java, Python, C++, JavaScript

Frameworks: Spring Boot, Spring ORM, Junit, MockMVC, Node.js, Express.js, Bootstrap

Databases: MySQL, PostgreSQL

Markup languages & stylesheets: HTML5, CSS

Cloud Services / Tools: AWS (EC2, S3, Beanstalk), Hadoop, Docker, MS Office, GIT, Eclipse, IntelliJ

WORK EXPERIENCE

New York Institute of Technology	New York, USA
Graduate Software Assistant	March 2021-Present

- Introduced an application for uploading and accessing study documents for Students. Professor can log into the **API** and create a folder or add documents to the existing folder. Students can log into the account and download the documents.
- Application development in Java 11 using Spring boot and **Spring ORM**. Used **AWS S3** for document storage, MySQL for **metadata** storage and tested it using **Junit** and **Mock MVC**.

Maxgen Technologies Pvt Ltd	Ahmedabad, India
Software Engineer	Dec 2018 - Dec 2019

- Developed an application for **billing** and **customer** care systems. Existing customers can login into their account and get the existing plan information and makes changes to it.
- Back-end application development in Java using different frameworks like **Spring MVC**, Spring Boot, Spring ORM, **Hibernate JPA**.
- Front-end designing using HTML, CSS, JavaScript. Designed **database tables** and wrote MySQL **queries** to store data. Implemented Junit and Mock MVC **testing** to test the functionalities of the app.

PROJECTS

IPL (Indian Premier League) Dashboard [Spring Boot, React, CSS Grid, Aws Beanstalk]

- Created the **rest service** for sports information exclusively for cricket league (IPL) with **Spring Boot** which shows the record of **win** and **loss** for IPL teams from 2008 to 2020.
- Featured information about **player's statistics**, past games, results, venue, and match statistics.
- Designed application using Java Spring boot for backend API development, react for front end development, MySQL for storing player info, spring orm for **mapping** info in **database** entities.
- Performed MySQL **joins** nested queries between database tables to extract statistic info from the **database** and **presenting** it to users. Like Most runs scored in IPL, most wickets were taken in IPL.

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

- Built the web application for the simple showcase of route handling in the **asynchronous** application.
- Implemented a **JWT-token authentication** and simple **crud** operation on review for items.
- Designed **web pages** for login, register, and review pages using **JavaScript**, bootstrap, CSS, and HTML.
- Used **Node.js**, express.js, and passport.js for creating rest APIs for authentication and crud operation.

Bank Application [Core Java]

- Created **robust** application architecture for a different type of bank account.
- Read a data from the .csv file and **Show Info** method reveal all the information as per the user input.
- Implemented Core Java Concepts of **abstraction**, **interface**, constructors, super keyword, and access modifiers.
- Unique** an **account number** generated infinite time and containerizing String API.

CERTIFICATION

- Participated in **JPMorgan** virtual software development experience program, **lead** the **team** of 3 and completed various tasks assigned.