

# Dhrumil Shah

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## SUMMARY

Proficient backend engineer with expertise in Java and JavaScript having 2 years of experience as a design driven Software Engineer, I am looking for positions wherein I am challenged daily to apply these skills and grow as a Software Engineer.

## CAREER

**Automatic Data Processing, Parsippany NJ**— *GPT Summer Intern* Jun 2019 - Aug 2019

- Time Labour Management - A microservice based web application for employees to effortlessly manage their time, schedule and shifts.
- Learned various kinds of API, and worked on backend. Generated time reports in pdf, excel and csv formats using itext, and apache poi library.
- **Environment:** Spring Boot, Hibernate, Git, BitBucket, Maven, Oracle and Postgres database

**Axis Bank, Mumbai**— *Junior Software Engineer*

Sept 2017 - May 2018

Axis Bank is a financial institution, my role and responsibility were as follows:

- Developed a web-based data visualization application which displays bank's financial details. Created RESTful API to fetch data and return JSON.
- Built a highly secure procurement system for handling client's proposals, projects or drafts, worked on super admin and client module.
- Revamped an application to verify the authenticity of customer's signature, using Image processing library in Java (ImageJ).
- **Environment:** Core Java, JSP, Spring MVC, Hibernate, LDAP, Javascript, JQuery, HTML/CSS, Ajax, SVN, Tomcat, JSON, REST API, Eclipse, Oracle database and OWASP security methodologies.

**Le09 Studio, Mumbai**— *Junior Software Engineer*

Jun 2016 - Aug 2017

Le09 Studio is a technology plus consultant firm that works with various clients, my accomplishments were as follows:

- Build an in house chatting system for all the working cooperates, which resulted in smooth functioning and coordination of the employees.
- Build JSPs and services for an online bug reporting system that connects clients to developer.
- Created an admin dashboard in a survey system for customers.
- Worked on a chatbot for chatting with customers, using AIML.
- **Environment:** Core Java, JSP, Hibernate, Node.js, Javascript, JQuery, HTML/CSS, Ajax, Tomcat, Eclipse and MySQL database.

## PROJECTS

### Compact Business Management

- Build a client management web applications using Node.js and MySQL.
- Extensively worked on designing REST API calls and application data flow design.
- Learned how to structure and design a real world Node.js web application.

### Sentiment Analysis

- Performed ETL process using Node.js and numpy, scikit-learn python libraries.
- Predicted the polarity of a sentence using various machine learning and natural language techniques with 84% accuracy.

### Online Examination System

- Developed a dynamic online examination web application using software engineering techniques. Used JSP, Servlets, MySQL, HTML/CSS and JavaScript.
- Learned functioning of client server architecture, database design and software engineering methodology.

## TECHNICAL KNOWLEDGE AND COMPETENCY

### Programming Languages —

Java, Java Frameworks(Spring Boot, MVC and Hibernate), JavaScript(Node.js), HTML/CSS.

**Tools And IDE** — SVN, Git, Apache Tomcat, Cognos, Eclipse, Netbeans, Atom.

**Database** — MySQL, Oracle, MongoDB.

**Familiar With** — Python (Numpy, Pandas, Scikit-learn), .net, C/C++, Google Cloud Platform, Heroku, SQLite.

## EDUCATION

**New Jersey Institute of Technology** — *Masters of Science in Computer Science*

Sep 2018 - Dec 2019

**University of Mumbai** — *Masters of Science in Information Technology*

Jun 2016 - Jul 2018

**University of Mumbai** — *Bachelors of Science in Information Technology*

Jun 2013 - Apr 2016

## OTHER PROJECTS

Huffman(Java), Google PageRank(Java), Kleinberg HITS(Java), Apriori(Python), DNS(Java), UDP Streaming(Java), Proxy Server(Java), Missing Cards(Hadoop), Flight Data Analysis(Hadoop), Chat Application(Java), Image Combiner(Node.js)