

Sujil Shah

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[GitHub](#)

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Boston, MA

EDUCATION

Northeastern University, Boston, MA

Jan 2019 – Present

Khoury College of Computer Sciences

Expected Graduation – Dec 2020

Candidate for Master of Science in Computer Science

GPA - 4.0 / 4.0

Related Courses: Program Design Paradigms (PDP), Algorithms, Web Development.

University of Mumbai, Mumbai, India

Aug 2012 – May 2016

Bachelor of Engineering in Computer Engineering

GPA - 3.62 / 4.0

Related Courses: Structured Programming, Object Oriented Programming Methodology, Analysis Of Algorithms, Software Engineering, Data Structures, Discrete Structures, Web Development, Structured and Object Oriented Analysis and Design, etc.

TECHNICAL KNOWLEDGE

Languages: Java, C, C++, Python.

Web Technologies: HTML, CSS, JavaScript, jQuery, Node.JS, React, AngularJS, PHP, JavaScript, Webservices.

Databases: Oracle PL/SQL, MongoDB, Oracle Data Integrator 12c, Hibernate, EclipseLink.

Tools/Packages: SharePoint, Eclipse, Atom, IntelliJ, Oracle Jdeveloper, Oracle BI, Android Studio, Kubernetes.

WORK EXPERIENCE

Teaching Assistant (Northeastern University)

- CS-3500 Object Oriented Programming. May 18 – June 18
- CS-3000 Algorithms and Data July 19 – Present
- OGS Website Developer July 19 – Present

Oracle, Mumbai, India

Senior Applications Developer

Jun 18– Dec 18

- Developed a RESTful API for Oracle Banking Platform improving the product efficiency scalability significantly.
- Implementation of Swagger UI for dynamic documentation of developed open APIs.
- Worked on Development of a Time Series Forecast Model to predict account balance of customers for funds planning.

Applications Developer

Aug 16 – Jun 18

- Development of internal resource management and product info sharing website in SharePoint
- Followed SCRUM Methodology for the development of Oracle products using core JAVA, Hibernate and ADF (Spring MVC Architecture).
- Designed and developed a framework to integrate REST services interfaces with Oracle Banking Platform using Java, which reduced the third-party product integration time by 50%.
- Completed a detailed analysis on Oracle products clustering algorithms using WEKA, ODI, and OBI, enhancing the accuracy of AI model by 22%.
- Integrated EQUIFAX & KBB with Oracle products using an encrypted SOAP service request with Token Based Authentication.

Binary Numbers, Mumbai, India (Internship)

Software Development Intern

Aug 2015 – Jan 2016

- Designing and development web and android-based projects using Amazon Web Services (AWS), web languages like Node.JS, PHP, JavaScript, HTML, CSS and android studio.

ACADEMIC PROJECTS

Graduate Projects ([Job Search Website](#))

- Complete website integrating the github job API using React, JPA and SQL with user authentication.

Undergraduate Capstone Project (University of Mumbai, Mumbai, India)

Final Year Project on “Analyzing and Improving Student Performance using Data Mining, Business Intelligence”

- Developed an AI model for analysis of huge student dataset using Naïve Bayesian, ID3 and Perceptron Learning Rule (Java, WEKA, R programming).
- Retrieved statistical data from matches of past 10 years and derived custom features for higher information gain.