

SHIVANI CHAVAN

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EDUCATION

Pace University, Seidenberg School of Computer Science and Information Systems **New York, NY**
Master of Science (M.S.) in Computer Science | **Concentration:** Software Development | **GPA:** 3.73 **May 2024**

Savitribai Phule Pune University, Institute of Information Technology **Maharashtra, India**
Bachelor of Computer Engineering (B.Eng.) | **GPA:** 6.77/10 **June 2020**

RELEVANT COURSEWORK

Algorithm & Computing Theory | Deep Learning | Python Programming | Parallel & Distribution Computing | Internet Computing | Mobile Web Content & Development | Project Management

TECHNICAL SKILLS

Programming Languages: Java, Python, C, C++, JavaScript, CSS | **Frameworks:** React, React Native, Docker, Bootstrap

Database Management: MySQL, Microsoft SQL, Mongo DB, Maria DB

Mobile Development: Android Studio, Xcode | **Applications:** Github | **Web Services:** Rest API

Software/Tools: Visual Studio, IntelliJ, MS Office 365 (Word, Excel, PowerPoint, Outlook, OneDrive, Sharepoint), Photoshop, Illustrator

Web Technologies/Scripting Languages: jQuery, AJAX, XML, JSON, Postman

Libraries: Python (NumPy, Pandas, Scikit-learn, Seaborn, Matplotlib)

Machine Learning Algorithms: Linear Regression (Supervised Learning/Regression), Logistic Regression, Decision Tree (Supervised Learning), Bootstrap Aggregation (Random Forest, Bagging), Nearest Neighbors, Time Series Algorithm

ACADEMIC PROJECTS

RESTful Service Using Docker, [RESTful-Web-Service-Implementation-Docker](#) **April 2022 – May 2022**

- Implemented website connections using Docker, allowing website to efficiently connect with server & allowing users to quickly access website information.
- Built web application using Ionic to code frontend & React to host, connecting with Docker using JavaScript, hosting through Pace webpage server.

Blog Website Using ReactJS, [Blog ReactJS](#) **April 2022 – May 2022**

- Developed blog website using Ionic, HTML, JavaScript, CSS, & Bootstrap to code frontend, hosted in Pace webpage server, integrating current weather & local news information.

EXPERIENCE

Indian Oil Corporation, LTD **December 2018 – January 2019**

- Gained mentorship in field of networking infrastructure from COO, developing skills in server connectivity (WAN, LAN, MAN) & building websites using HTML & CSS.

Virtusky IT Private, LTD **June 2017 – May 2018**

- Created webpage using HTML, CSS, & Bootstrap to develop frontend design & Python & JavaScript to code, implementing blockchain algorithms to identify data manipulation.
- Collaborated in group of three to develop blockchain website using HTML, CSS, & Bootstrap to develop frontend design, providing agricultural laborers with industry & market prices.
- Presented group research “Blockchain Based Soybean Traceability in Agriculture Supply Chain” in IEEE International Conference on Emerging Smart Computing & Informatics.