YASH SHINGVI

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EDUCATION

The University of Texas at Dallas **May 2023**
Master of Science in ***Computer Science.***
Relevant Coursework: Design & Analysis of Algorithm, Information Retrieval, Database Design, Data Structures, Machine Learning.

Savitribai Phule Pune University **Aug 2020**
Bachelors of Engineering in Electronics & Telecommunication. GPA:8.46/10
Relevant Coursework: Machine Learning, Data Structures, Computer Networks, OOP, IOT, Operating Systems.

SKILLS

Languages/Database : Java, Python, C, C++, MySQL, Node.js, PostgreSQL
Languages/Web Technologies : HTML, CSS, JavaScript, Bootstrap, JSP, Servlets, JQuery
Tools/Frameworks : Angular, FLASK, React, Hibernate, Spring, Git, Postman, Docker

WORK EXPERIENCE

Larsen & Toubro Infotech Limited **Pune, India**
Software Developer *Oct 2020 - Aug 2021*
- Worked on Nordea Finland's risk management application in agile environment.
- Provided production level support for application development and testing of 2 projects in Java Spring and Angular.
- Tested a new feature where users could change the payment plan, wrote 30+ unit test cases in Angular.
- Implemented continuous integration, continuous delivery & dev-ops.
- Facilitated communication with clients in the Nordic region for projects worth $500,000.

Elecer Services Pvt Ltd. **Pune, India**
Co-founder & Chief Technical Officer *Sep 2018 - Oct 2019*
- Co-founded an e-bike service that helps people solve commuting problems along with added health benefits and cost efficiency.
- Scheduled meetings, assigned tasks, sketched the roadmap timeline, and kept the team intact.
- Led and scaled the team from 4 to 20 people over a year, implemented Jira for task management.
- Launched and delivered the prototype product & fully functional website within time as planned and pitched to the investor.
- Negotiated with investors and business partners, Raised $10,000 worth total fund.
- Listed among the top 8 student start-ups at the Global Student Entrepreneur Awards by Entrepreneurs Organization.

Sigmatech **Pune, India**
Intern *Jun 2018 - Sep 2018*
- Transformed a manual lathe machine into an automatic machine using a controller and hence, achieved double production speed.
- Reduced the manufacturing cost by 20% by using arduino programmed in embedded C.
- Assisted in testing & debugged 20+ problems in the new systems, making them ready for deployment.
- Redesigned the company website using HTML, CSS, and javascript.

Nurturing Green Retail Pvt.Ltd **Delhi, India**
Intern *Sep 2017 - Nov 2017*
- Managed marketing and created digital content on Instagram, Twitter & Facebook along with leads generation of 100+ people.
- Deployed a tweet scheduler in python using selenium, thereby reducing the time taken to post tweets manually by 70%.
- Made a product video displaying the catalog and information about the company which was appreciated by the whole team, this increased total social media reach by 150%.

PROJECTS

Stock Market Simulator (FLASK framework, Python, HTML, CSS) *Spring 2021*
- Developed a stock market simulator in python using FLASK framework with login, portfolio, and history dashboards.
- Leveraged IEX cloud API to obtain real-time values from NASDAQ, used SQLite for database management.

Marketplace for farmers (Java, Angular, SQL) *Fall 2020*
- Built an e-commerce web app through which farmers sell crops on the marketplace where bidders bid on the crops & buy them.
- Bridged the gap between farmer and the end customer, and therefore cutting the middleman costs by 40%.
- Implemented an auto email function in java using spring boot through which the buyer receives an auto-generated receipt.
- Designed the portal in angular at the front-end & Java spring-boot at the back-end, used REST API network calls.
- Used object oriented design approach, kanban board & weekly scrum cycles for project management.

Detection of pesticide using Machine Learning and Cloud Computing (Python, Machine Learning, Docker, AWS) *Spring 2020*
- Engineered a portable device with pH & turbidity sensors, which detects if the fruit or vegetable under the test is safe to consume.
- Used linear regression model to predict the pesticide residue which is hosted on AWS (Amazon Web Services) using docker.
- Designed a REST API in python, which is called sending the gathered values to the trained model which gives result to web page.
- Obtained instant result, thereby saving time of the user to go to the laboratory and also reducing the cost by 60%.