

AARJAV SHETH

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PROFESSIONAL EXPERIENCE

SANTA CLARA UNIVERSITY, USA | *Graduate Teaching Assistant*

SEPTEMBER 2020 – PRESENT

- Design & evaluate assignments of Object-Oriented Software Design Analysis & Programming class for graduate students.

OPAL ORGANIZATION, USA | *Lead Backend & Full Stack Software Engineer Intern*

JUNE 2020 – PRESENT

Tech Stack: Python, React Native, JavaScript, Amazon Web Services (AWS), REST API, Google API, Postman

- Develop user-facing mobile application that helps connect students with industry professionals, from ground-up.
- Develop matching algorithm to match mentees and mentors and write AWS Lambda functions, using Python.
- Collaborate with product managers, cross-functional partners, and teammates to craft elegant solutions for business problems.
- Lead weekly team meetings, review code, and ensure team members' understanding of proposed technical approach.

RUBRIK INC., USA | *Practicum Student*

JANUARY 2020 – PRESENT

Tech Stack: Python, Flask, MySQL, REST API, JavaScript, HTML, CSS

- Coordinated work of ML project dedicated to predicting closing probability of leads.
- Develop a RESTful web application for Lead Scoring dashboard on Flask, JavaScript, HTML & CSS.
- Build a Lead Scoring ML model to prioritize leads by identifying key traits of leads converted in past.

CREST INFOSYSTEMS PVT. LTD., INDIA | *Software Engineering Intern*

DECEMBER 2018 – APRIL 2019

Tech Stack: TypeScript, XML, PHP, JavaScript, HTML, CSS, MySQL, REST API, Ionic Framework

- Developed Ionic mobile app from inception to launch, using TypeScript, to find new markets and get insights on sales.
- Implemented REST web services for CRUD operations on MySQL database with ~100,000 data points.
- Built administration panel with dashboard, using PHP, by **collaborating with key executives to pull off stretch goal**.
- Responsible for full software development lifecycle. Increased client's customer base by 18%.

BAZINGA SOFTTECH PVT. LTD., INDIA | *Software Engineer Intern*

MAY 2018 – JUNE 2018

Tech Stack: Java, Android, XML, Firebase, JSON

- Devised android application to forecast weather by applying multiple principles of object-oriented programming.
- Used OpenWeatherMap API to fetch weather details. The app was integrated into company's existing mobile application.

EDUCATION

SANTA CLARA UNIVERSITY, USA | MS in Information Systems, GPA: 3.68/4

EXPECTED: JUNE 2021

UKA TARSADIA UNIVERSITY, INDIA | B. TECH in Information Technology, GPA: 3.51/4

2015 – 2019

Relevant Coursework: Java Technologies, Operating Systems, Data & File Structures, Design & Analysis of Algorithms, Advanced Database Management Systems, Programming with Python, Big Data Modeling & Analysis.

SKILLS

- **Languages:** Java, JavaScript (ES6, ReactJS, TypeScript, NodeJS), Python, PHP, HTML, CSS, Ruby
- **Databases:** SQL, PL/SQL, MySQL, SQLite, NoSQL, Postgres, DynamoDB, Firebase, MongoDB, Oracle
- **Others:** Amazon Web Services (AWS), Docker, REST, Spark, Flask, Django, ETL, React Native, Ionic, Postman, Git, JIRA, Agile

PROJECTS

AMAZON CLONE | *Tech Stack:* ReactJS, ExpressJS, NodeJS, MomentJS, Firebase, Stripe

- Developed serverless Amazon clone using MERN stack with Payment (Stripe), Login/Logout and user authentication.
- Built components & implemented React Context API for several functionalities.

SORT VISUALIZER | *Tech Stack:* Java, Java Swing

- Built a Java-based desktop application to visualize sorting algorithms.
- Implemented Merge Sort, Bubble Sort & Insertion Sort.

MINI STRIPE | *Tech Stack:* Java

- Designed & developed invoice tracking system. Applied multiple object-oriented programming principles to handle actions related to a charge (create, confirm, refund & payout).

CHAT APP | *Tech Stack:* Android, Java, NodeJS, JSON

- Built an interactive android application to send messages and images over server.
- Established WebSocket server, developed using NodeJS, to send and receive messages & images.