aarjavsheth.github.io
linkedin.com/in/aarjavsheth
github.com/aarjavsheth

Aarjav Sheth

aarjavsheth11@gmail.com
669-210-4715
Santa Clara, CA

PROFESSIONAL EXPERIENCE

OPAL ORGANIZATION, USA | Backend Software Engineering Team Lead June 2020 – Present
Tech Stack: Python, Amazon Web Services, REST API, Google API
- Develop matching algorithm to match mentors and mentees based on their similarities and choices, using Python.
- Create AWS lambda functions, in Python, to trigger actions on AWS DynamoDB and AWS S3.
- Implement API Gateways to bridge the gap between frontend & backend using AWS, Python, & JavaScript.
- Define & deliver database strategy and partner with cross-functional business leaders to enable data-driven decision making.
- Work closely with key executives throughout the software development lifecycle to ensure the team met their requirements.

RUBRIK INC., USA | Practicum Student January 2020 – Present
Tech Stack: Python, Python-Flask, MySQL, REST API, JavaScript, HTML, CSS
- Support ML/AI use cases such as Lead Scoring to help convert leads into potential customers.
- Develop a RESTful web application for Lead Scoring dashboard on Python-Flask framework, JavaScript, HTML & CSS.
- Build a Lead Scoring ML model to prioritize leads by identifying key traits of leads converted in past using historical snapshots.

CREST INFOSYSTEMS PVT. LTD., INDIA | Software Engineering Intern December 2018 – April 2019
Tech Stack: TypeScript, XML, PHP, JavaScript, HTML, CSS, MySQL, REST API, JSON, Ionic Framework
- Developed hybrid mobile application, using TypeScript, on Ionic Framework for finding new markets and get insights on sales.
- Extensively used MySQL database with ~100,000 data points; implemented REST web services for CRUD operations.
- Collaborated with key executives to work on a **stretch goal** of building dynamic dashboard along with administration panel.
- Implemented Elasticsearch functionality for the dashboard. The app helped in increasing the customer base of client by 18%.

BAZINGA SOFTTECH PVT. LTD., INDIA | Software Engineer Intern May 2018 – June 2018
Tech Stack: Java, Android, XML, Firebase, JSON
- Devised android application for weather forecasting. Applied multiple principles of object-oriented programming such as inheritance, interfaces to store data in Firebase, parsed JSON data and displayed it to user.
- Programed front-end using XML, used OpenWeatherMap API to fetch atmospheric conditions. The app was incorporated as company's existing mobile application for Spa & Salons.

EDUCATION

SANTA CLARA UNIVERSITY | MS in Information Systems GPA: 3.68/4 | Expected Graduation: June 2021
UKA TARSADIA UNIVERSITY | B. TECH in Information Technology GPA: 3.51/4 | August 2015 – May 2019
- *Relevant Coursework:* Data Structures and Algorithms, Design & Analysis of Algorithms, Object Oriented Programming with C++, Java Technologies, Advanced Database Management Systems, Web Technologies.

SKILLS

- **Languages:** Java, Python, JavaScript (ES6, ReactJS, TypeScript, NodeJS), PHP, Ruby on Rails, HTML, CSS
- **Databases:** MySQL, SQLite, NoSQL, PostgreSQL, PL/SQL, Firebase, MongoDB, Oracle
- **DevOps:** Linux, Docker, Kubernetes
- **Web-Scraping Packages:** BeautifulSoup, Selenium
- **Frameworks/Softwares:** Amazon Web Services, Spring Boot, Java Swing, JavaFX, Flask, React Native, Ionic, Git, JIRA, Agile, SCRUM.

PROJECTS

ChatApp | *Tech Stack: Java, Android, NodeJS, JSON*
- Built an interactive, dynamic android application to send messages and images over server.
- Established a WebSocket server built using NodeJS to send and receive messages and images.

Search Application | *Tech Stack: Java, Java Swing, Java AWT, Oracle*
- Faceted search application using Java, with dynamic UI built with Java Swing & Java AWT that helps a person to find businesses or users based on different parameters such as reviews, check-in, average ratings, etc. using SQLite.

Songs Blog | *Tech Stack: Python, Flask, SQLite, REST API, Git, JavaScript, HTML, CSS*
- Created a web application using JavaScript, HTML, CSS at front-end and Python-Flask at the backend for a blog on songs.
- Used REST API to perform CRUD operations on SQLite database. Accomplished test-driven development & used Git for version control.

Pick-A-Book | *Tech Stack: Python, Tkinter, Google API, JSON*
- Executed Google API to fetch books from Google Books and display on a Python desktop application.
- Cached queries for faster searching and stored response in JSON.