Atharva Chaitanya Munshi

atharvachaitanya.munshi@sjsu.edu| linkedin.com/in/atharva-munshi-255530106/ | San Jose, CA | 408-640-5695

TECHNICAL SKILLS

- **Programming Languages:** Java, C++, Python, JavaScript(ES6)
- **Web Technologies:** NodeJS, ReactJS, Redux, HTML5, CSS3, Bootstrap
- **Frameworks, Libraries:** Django, Salesforce, Selenium, Spring, Junit, Express, Angular, NLTK, scikit-learn, TensorFlow
- **Operating Systems:** Linux, Windows, Android, macOS
- **Networking Protocols:** TCP/IP, UDP, HTTP, FTP
- **Databases:** MySQL, MongoDB (NoSQL), Redis, PostgreSQL
- **Cloud Technologies:** AWS S3, AWS EC2, Heroku
- **Tools, Servers:** JIRA, Apache Kafka, Git, Docker Container, Cloudinary
- **Other Technologies:** Software Design Patterns, Agile, Scrum, Kanban, Firebase

PROFESSIONAL EXPERIENCE

Software Development Co-op, Cisco, San Jose, USA   Oct 2020– present
- **Technologies:** ReactJS, Django, PostgreSQL, JavaScript, HTML5, CSS3, Docker
- Working on the design and development of a full-stack web application to automatically extract multi-level data from different files into the database
- Performing analytics on the collected data and displaying the results on the dashboard

Software Development Intern, Cisco, San Jose, USA   Jun 2020- Aug 2020
- **Technologies:** ReactJS, Django, PostgreSQL, JavaScript, Docker
- Scaled a web application to support automated tests for HEC and thus reduced the human intervention by 90%
- Designed and restructured the database, extracted the test results and displayed them on dashboard
- Involved in testing and deployment of the application on the internal server

Software Developer, Accenture, India   Oct 2018- Jun 2019
- **Technologies:** JavaScript, HTML5, CSS3, Salesforce, JIRA
- Liaised with a team of 5 employees to develop web components in salesforce lightning
- Worked on migrating the project from salesforce classic to salesforce lightning.
- Actively Involved in the deployment process

ACADEMIC PROJECTS

- **Instagram Clone**
  - **Technologies:** NodeJS, Express, ReactJS, Redux, MongoDB, Heroku, Cloudinary
  - Created replica of the Instagram web application where users could comment, like, follow, unfollow, and upload posts
  - Used JWT to authenticate the users and secured the password using bcrypt
  - Used MongoDB as a database, Cloudinary to store the images, deployed the app on Heroku
  - Implemented Kafka queues and Redis caching to improve the performance and scale the application to handle 30,000 users

- **Avengers Shooting Game**
  - **Technologies:** Java 8, Design patterns, Agile, Kanban, Scrum, Green foot
  - Developed a 2-D game in Java by using Object Oriented programming, SOLID principles and Design Patterns
  - Improved the performance and scalability of the application by using Observer Pattern, State Pattern, Factory Pattern, Command Pattern, and Strategy Pattern

- **Reddit Clone**
  - **Technologies:** Java 8, Spring Boot, Spring Security, Spring Data JPA, MySQL, Angular 9, Bootstrap 4, heroku
  - Built a full stack reddit clone where the user could create a subreddit and create, edit , upvote/downvote, comment on a post
  - Used JWT to authenticate the users, Documented REST API using Swagger and Springfox, deployed the app on heroku

- **Facebook Clone**
  - **Technologies:** ReactJS, React Context API, Material UI, Firebase
  - Developed a Facebook clone where the users were able to create, update, delete, comment, like, unlike and share posts.
  - Used ReactJS, Flexbox design, React Hooks, React Context API (Redux Pattern), Material UI for the design of the application.
  - Made use of Firebase firestore realtime DB, Firebase google authentication and firebase hosting to deploy the project.

- **Text Summarizer**
  - **Technologies:** Python3, HTML5, CSS3, text-to-speech API, Sequence-to-Sequence RNN, Context Vectors, eBay Product dataset
  - Developed a text summarizer to generate a abstractive and extractive summary of text given via voice and text input
  - Obtained context vectors from user queries, browsing queries, content creators
  - Used context vectors in first stage of RNN to improve the performance of extractive and abstractive text summarization by 20%

EDUCATIONAL BACKGROUND

PICT, Pune, India.	BE in Computer Science and Engineering	Aug 2014 - May 2018
San Jose State University, San Jose, CA.	MS in Software Engineering	Aug 2019 - May 2021

RELATED COURSEWORK

Data Structures & Algorithms, Operating Systems, Database Management, Computer Networks, Big Data Engg. & Analytics.