

Saahil Anande

Portfolio: saahilanande.netlify.app
Github: github.com/saahilanande

Email: saahilanandeus@gmail.com
Mobile: 682-557-9360
Arlington, Texas

Education

- **The University of Texas at Arlington (UTA) GPA: 4.0/4.0** Arlington, Tx
Jan 2021 - Dec 2022
Master of Science, Computer Science
- **The University of Mumbai (MU)** Mumbai, India
Aug 2014 - May 2018
Bachelor of Engineering, Computer Engineering

Skills Summary

Programming language	Java 6/8/11, TypeScript, Python 2/3
Front End Technologies	HTML5, CSS3, JavaScript ES6, Angular2/6/8, React, jQuery 3.0, Ajax, Bootstrap4/5, NodeJS
Databases	PostgreSQL 11/12, Oracle 12c, MySQL 5.7, MongoDB, DynamoDB, Redis
Frameworks	Spring Boot, Spring, Spring MVC, Express.js, Hibernate
Cloud	EC2, S3, RDS, Cloud9, EKS, ECSs, Beanstalk, Lambda, Azure VM, App services, Blob Storage
Build tools	Maven, Gradle, Apache Ant
Monitoring and Logging	Splunk, CloudWatch, Applications Insights ,Log4j, SLF4J

Work Experience

- **Annet technologies** Mumbai, India
Aug 2018 - Aug 2019
Software developer
 - Worked as a part of Agile environment with bi-weekly sprints and daily Scrum meetings with backlogs and story points.
 - Employed a scalable microservice architecture with Spring Boot-based services that communicated with each other via a combination of RESTful APIs and Apache Kafka message brokers.
 - Used PostgreSQL as database and involved in the development of PL/SQL backend implementation
 - **Tech:** Java 1.6/1.8, JavaScript, Bootstrap, Spring Boot, Spring Actuator, AWS Cloud, RabbitMQ, JMS, Slf4j, Junit, Gradle, PostgreSQL
- **CellBeans Healthcare Informatics** Pune, India
Feb 2020 - Sep 2020
Full Stack Developer
 - Developed dashboards and Single Page Applications using React reusable components and Utilized react hooks and express Js to build microservices in Node JS while using NPM as package manager.
 - Responsible for developing and maintaining 5 Microservices from scratch using Spring Boot enabled REST API
 - Employed SLF4j to logs and errors and configured CloudWatch tool for performance monitor
 - Utilized Elastic Container Service and Docker for the runtime environment of the CI/CD system to build and deploy to AWS EC2 Instance.
 - **Tech:** Java 1.8, Spring Boot, Angular, jQuery, TypeScript, Node JS, NPM, Express.js, PostgreSQL, DynamoDB, Kafka, Splunk, spock framework, Karma, SLF4j, JBoss, Maven, Git, CloudWatch, Docker, AWS Lambda, Elastic Container Service, EC2
- **University of Texas at Arlington** Arlington, TX
Aug 2021 - Dec 2022
Graduate Teaching Assistant - CSE department
 - Teaching assistant for Design and Analysis of Algorithms, Cloud Computing and Machine learning at UTA.
 - Prepare, present and guide students through Algorithms based assignments, Creatively instill Algorithms foundations in students for future computer science classes, Proctoring 55+ students and grading exam paper
 - Respond to students' emails quickly and respectfully with suggestions and actions necessary to complete labs

Projects

- **Distracted Driver Detection (Neural networks, Deep learning)** An android app with deep learning model that can detect distracted drivers and alert them to prevent them from drifting their attention which eliminate the possibility of accidents. Achieved 80% accuracy. Tech: Python, Android studio, Tensorflow, CNN (Dec '21)
- **Naïve Bayesian Classifier used for sentiment analysis of Yelp reviews(Machine learning)** Built a model that processes yelp reviews data and classifies them into positive and negative reviews based on the words used and their prior/posterior probabilities. Tech: Python, scikit, NLTK, Pandas, Laplace smoothing, K-fold validation (Dec '21)
- **Image Segmentation on Brain MRI Images Using U-Net** Built a Neural network model using U-Net on Brain MRI images to apply image segmentation to isolate LGG tumor cells in the brain. Tech: Python, Pytorch, keras, json (Nov '21)
- **Earth quake data visualization (Web Development, Web Crawler, Search)** Using data sets to count number of occurrences, location, magnitude and other analysis of earth quake and present them in graphical representation in a web interface. Tech: Reactjs, dj3 javascript, python, EC2, Django, Docker, Kubernetes. (May '21)
- **College management system (Web Development, database, Search)** Software that enables higher education institutions and colleges to manage online admission, student enrollment, students' attendance, online fees, grades, assignments. A complete solution that connects the entire campus. Tech: oracle, javascript, Spring boot, thymeleaf (dec '21)

CERTIFICATIONS

- AWS Certified Developer – Associate