



Sowmiya
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CONTACT

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ABOUT ME

To work with a progressive organization that gives me job satisfaction and where I could use and enhance my knowledge and talent for the development of both the organization and myself.

WORK EXPERIENCE

10/2018 – CURRENT – Chennai, India

Java Spring Boot Developer

Tata Consultancy Services

- Have exposure in developing Microservices using Spring Boot. Development of RESTful and SOAP services in the spring boot framework.
- Have been an active member of the team in creating API documentation in swagger using YAML.
- Knowledge of XML Suite of Technologies XML, XSL, XSLT, and JSON Schema.
- Create containerized postman test collection and SOAP UI Test suit for automated test execution.
- Hands-on experience with integration testing using JUnit and hands-on experience with Jmeter.
- Have good experience in Splunk logging techniques, Splunk alerts, Splunk Dashboard Creation.
- Good understanding/knowledge of H2 database, Postgre SQL, and OpenL tablets.
- Have been an active member of the team in code quality analysis tool using Sonarcube.
- Have basic knowledge to enable CI/CD pipelines via Jenkins automation tools. And have experience with Helm3, Dockers, Kubernetes, and Maven.
- Have basic knowledge of Amazon Web Services.
- Have exposure to develop sproing batch microservices.

05/2018 – 09/2018 – Chennai, India

Junior Backend Developer

Halnode Technologies Pvt Ltd

- Experience in developing RESTful services using the spring framework.
- Experience in writing test cases and to test end to end service.

INTERNSHIP AND TRAINING PROGRAMMES

Internship programme - HTC Global Services, MEPZ (05/2017 - 06/2017)

- An online shopping cart application was developed as part of this internship.
- The application was developed using Visual Studio 2010 IDE, Programming languages used are HTML, CSS, .net, and Database using SQL.

In-Plant Training- HTC Global Services, MEPZ (05/2017 - 06/2017)

- The training was given to develop test cases for the entire project. Customer relationship management (CRM) was developed for the project in detail.

Industrial visit - Tech Mahindra, Mahindra City (2012)

- Learned about Augmented reality, Makers lab, Tech Mahindra Your Virtual Office. Learned about new and growing technology.

EDUCATION AND TRAINING

07/2014 – 04/2018 – Chennai, India

Bachelor of Information Technology

Madras Institute Of Technology (University Departments of Anna University)

71.2%

DIGITAL SKILLS

MICROSERVICES / Spring Boot / Spring Batch / JAXB / Amazon Web Services (AWS) (basics) / Docker & Kubernetes / Maven / Postgre / Postman / RESTful Webservices / RESTful Api / SOAP / Spring Boot JPA / SQL / JSON / Unit Testing / Web Development: HTML 5, CSS, JavaScript / Splunk / Basic User of JIRA / JMeter / Performance Testing / Microsoft Office / sonar Qube / SCRUM / Agile

PROJECTS

A Hybrid Approach for Classification of Glioma from MRI Images

- Detected the presence of brain tumour in an MRI image and classify them based on grade (HGG and LGG).
- Performed initial pre-processing steps on the Raw MRI images and segment the tumour image from the brain.
- Trained the CNN with 960 images and classified 240 test images thus attaining a test accuracy of 83.87%.

Voiced Based Email For Blind

- Designed and developed the client and server-side interfaces for mail transfer using java AWT and spring.
- Enabled the feature of sending and receiving mails through the interfaces using SMTP and POP3 protocols.
- Integrated SPHINX API to enable voice typing and FREE TTS API for dictation based on speech synthesis.

LANGUAGE SKILLS

OTHER LANGUAGE(S): German / Tamil / Hindi / Telugu

HONOURS AND AWARDS

Exceeding Everest – Tata Consultancy Services

VOLUNTEERING

A member of Youth Red Cross

Madras Institute Of Technology

A member of Purpose for Life

Tata Consultancy Services