Darshil

Full Stack Developer (6.8 years).

Experienced System Engineer with a demonstrated history of working in building the products by utilizing several open source technologies and frameworks

WORK EXPERIENCE

Senior Full Stack Developer
Projects/Tasks

- ❖ Case Tracking Tool
  - Created Single Page Application using Angular for Front-end with minimal code in HTML, by creating reusable and customizable components based on the business requirements.
  - Integrated front end with Azure Active directory which is internally using PKCE method to authenticate users.
  - Have worked on PostgreSQL database design to adopt the application for Multiple clients for case tracking.
  - Utilized NestJS (NodeJS framework) for Back-end technology to configure the entities using TypeORM.
  - Developed Multi and Single assignment feature for routing the cases as per configured workflows.
  - Deployed the application using Nginx – reverse proxy server by serving static files for front end bundles
  - Took advantage of PM2 process manager to host the back end in remote server.

- ❖ Narrative Authoring
  - Have worked on Generating dynamic word document which includes unordered sequences of paragraphs and tables using Angular framework.
  - Integrated Keycloak for Single sign on with Frontend application, and customized the identity provider's login page as per business needs.
  - Used Json web token to be passed as Authorization header for every API requests from frontend

- ❖ Textract API
  - Extracted data from Adverse reactions PDF forms like CIOMS, MedWatch, etc...by integrating AWS Textract, S3, SNS, SQS, Cloud watch services with NodeJS
  - Configured the API to extract the data from different kinds of PDFs by providing rules for each kind.
  - Has overcome the challenges to extract the data from particular sections, tables, checkboxes on top of the API response from AWS Textract service.
  - Integrated AWS Medical comprehend to identify various types and categories from paragraph like Reaction events, Suspect and Concomitant drugs along with dose value/unit, route of administration, etc…, lab tests.
  - Used AWS comprehend and Geocoding to identify the address fields like street, province, country, phone number, etc…from text.

Full Stack Engineer
Projects/Tasks

- ❖ Intelligent Safety Suite
  - Worked on Case Management Tool, where PDF or XML cases intake from several methods like E-Mail, SFTP folder and Manual upload to extract the data and display them into appropriate UI fields.

- Utilized RabbitMQ for storing the incoming cases into queue to extract the data one by one.
- Used MongoDB for storing the data by utilizing Mongoose library to create the schemas.
- Have developed features Transaction audit, Reports dashboard to display the workflow stage of each record, SmartQC to highlight the text from PDF or XML.
- Implemented configurable notifications feature to inform data and workflow status of the record to users like Data Extraction is Ongoing, Success/Failed, Record is Assigned/U, Verified, Submitted, etc…
- Have used Web Sockets for updating extraction status like success, failure or pending in Inbox page in frontend when files are in extraction stage.
- Made use of Request NPM library to interact with multiple micro services.

Senior Systems Engineer
JAN 2017 – DEC 2019
Achievements/Tasks

- ❖ Customer Relationship Management
  - Worked for Finacle Banking Product by utilizing NodeJS for back-end and PolymerJS for frontend along with HTML, CSS, ExpressJS, Bootstrap, Javascript tech stack from scratch.
  - Have worked on several features such as Inquiry and Transaction audit, Use-case and Record level access control, Multilingual and multi-tenant application, SSO (Single Sign-On) integration with internal Identity provider.
  - Worked on GIT (version control), Docker and openshift image deployment.
  - Have ample expertise in using tools like Visual Studio Code, Git Bash, Postman, Putty.
  - Also operated on the JEE application and knows Java-CORE, REST web services, Hibernate and Oracle database during training phase.
  - Have successfully delivered the assigned tasks within the given stipulated amount of time.

EDUCATION
Bachelor of Technology in Computer Science and Technology (2011-2015)
R.N.G. Patel Institute Of Technology SEP 2009 – SEP 2011

SKILLS

- NodeJS, ExpressJS, Angular, MongoDB
- AWS, SNS, SQS, CloudWatch, Elastic container registry, Frontend , React JS, Core php , jAVA , c/c++. golang, Go gin, ROR ,GIT
- JavaScript, ES6, TypeScript, REST API
- NestJS, Loopback, PostgreSQL
- Golang, Mongo Compass

- HTML, CSS, Bootstrap, PolymerJS, ReactJS (Novice)
- Docker, GIT, Micro services
- SSO integrations with Keycloak, Azure AD, Json web token, Proof key of code exchange
- RabbitMQ, SFTP, Nginx, PM2
- VS Code, File Zilla, WinSCP, Postman