



Jyothi Prakash

Senior Full Stack Developer

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SKILLS

FRONTEND TECHNOLOGIES

HTML CSS JAVASCRIPT
ANGULAR REACTJS VUEJS
BOOTSTRAP JQUERY D3JS
VEGAJS

BACKEND TECHNOLOGIES

PYTHON FLASK NODEJS
FAST API PANDAS NUMPY
POSTGRESQL MONGODB
MYSQL CI/CD

CLOUD TECHNOLOGIES

AWS AZURE

AWARDS

TECHNICAL EXCELLENCE AWARD

Tata Consultancy Services

RISING STAR AWARD

Gramener Tech Sol. Pvt. Ltd

SELF-DRIVEN TEAM AWARD

Gramener Tech. Sol. Pvt. Ltd

CERTIFICATIONS

AWS Certified Developer – Associate

Amazon Web Services Training and Certification

Experienced Full Stack Developer with expertise in diverse frontend and backend languages, responsive frameworks, data visualization, and databases. Committed to continuous improvement and dedicated to becoming the best developer possible by learning from industry experts and embracing best coding practices.

WORK EXPERIENCE

Gramener Technology Solutions Private Limited

(October 22, 2021 - Present)

Senior Full Stack Developer

Tata Consultancy Services

(September 17, 2018 - October 20, 2021)

Full Stack Developer

EDUCATION

Bapatla Engineering College

(January 01, 2014 - January 01, 2018)

B.TECH, Computer Science and Engineering

9.5CGPA

- Outstanding performer throughout schooling and college. Topped in Computer Science and Engineering and ranked 2nd in the entire college.

PROJECTS

Smart Mobility

Real-time IoT project involving smart devices attached to vehicles for comprehensive Driver and Vehicle Monitoring, Safety Analysis, Video Telematics.

- Developed interactive analytical dashboards using Vue JS, React JS, and d3js/Vega JS for data visualization.
- Implemented Rest APIs in Python and Node JS to perform CRUD operations in MongoDB, and wrote unit test cases using Jest, Pytest, and Mocha.
- Created a dashboard that significantly reduced field visits and time management for the customer management team by 35%.

Cyber Security

Designed and implemented a visually appealing Analytical Dashboard to identify and investigate threats, pinpoint their occurrence regions and affected systems, analyze root causes, and publish detailed incident reports.

- Improved customer data accessibility with redesigned data visualization and interactive dashboards with URL filtration capabilities.
- Increased software productivity and cost-effectiveness by developing reusable components and implementing responsive SVG charts using d3 JS.
- Developed Python Rest APIs for CRUD operations on diverse data sources, including CSV, Excel, JSON files, and databases (sqlite3, MySQL, PostgreSQL).

Content Store

Developed a secure cloud-based content store on AWS with file storage for various types (images, pdfs, documents, zips), featuring metadata-based search, file upload/download, and easy deletion. Created a user-friendly web app for seamless management of operations.

- Developed Python-based Rest APIs for file management (uploading, downloading, deleting, and searching) based on user requirements.
- Implemented lambda functions for antivirus scanning, thumbnail creation, retention-based file deletion, and JWT token validation.
- Built Step functions for efficient batch deletion of large numbers of files.
- Created an automated CI/CD pipeline for AWS resource deployment and static web application hosting using Angular and CloudFront, while ensuring seamless functional testing with Postman integration.