

# Jyothi Prakash Edara

## Senior Full Stack Developer

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## Professional Summary

I am a Full Stack Developer with vast area of knowledge in many different frontend and backend languages, responsive frameworks, data visualization, databases and best code practices. My Objective is simple to be the best Full Stack Developer that I know and can do. I am dedicated to perfecting my craft by learning from seasoned developers, remaining humble, and continuously makes strides to learn all that I can about development.

## Work Experience

- SENIOR FULL STACK DEVELOPER | GRAMENR | NOV 2021 – PRESENT
- FULL STACK DEVELOPER | TCS | SEP 2018 – OCT 2021

## Relevant project and responsibilities:

### Smart Mobility Project:

- Developed the most interactive analytical dashboards using Vue JS and React JS.
- Developed Rest APIs using Python and Node JS to perform crud operations in MongoDB.
- Developed responsive and interactive SVG charts using d3js and Vega JS.
- Created the unit test cases using jest frameworks for UI, pytest for Python APIS and mocha framework for Node JS APIS.
- Extensive work experience in atomic UI control using HTML, CSS, and JavaScript Frameworks
- Developed a dashboard which helps the customer management team in reducing field visits (to check faulty devices) and time management from 80% to 45%.

### Cyber Security Client:

- Increased accessibility and usability of customer data by redesigning data visualization to include statistical graphs and information graphics.
- Developed the most interactive and visually appealing dashboards with URL filtrations techniques.
- Developed reusable components, increasing software productivity and reducing software development time and maintenance costs.
- Developed responsive and interactive SVG charts using d3 JS.
- Developed Rest APIs by using Python for performing crud operations on different data sources (CSV, Excel, JSON files and databases like sqlite3, MySQL, and Postgres)

### Content Store Project:

- Built a content store project on AWS Cloud, which is used to store content like images, pdfs, documents, zip...etc.
- Developed Rest APIs using Python for uploading, downloading, deleting and searching files based on the requirements of the users.
- Developed lambda functions to scan files for antivirus, create thumbnails for the files, delete the files based on retention and validate the jwt tokens.
- Built Step functions to delete huge numbers of files in batches.
- Built automated CI/CD pipeline to deploy resources on AWS using cloud formation templates and CI/CD for hosting static web applications in AWS using CloudFront.
- Developed a Web application using Angular to expose all functionalities provided by content store APIS.
- Automated functional test cases using postman in different environments, integrated with CI/CD pipeline, and addressed test and production issues.

## Education

GRADUATE IN COMPUTER SCIENCE AND ENGINEERING | 2014 - 2018

Bapatla Engineering College, Bapatla, Andhra Pradesh

## Accomplishments

- Completed **AWS Developer Associate** Certification.
- Developed Website to **digitalize hospital management system** ([Demo link](#)).
- Excelled as exceptional performer in schooling and as a graduate, topped in the field of **Computer Science and Engineering** and **stood 2<sup>nd</sup> in entire College**.

## Abilities

**Front End Languages:** CSS, HTML 5, JavaScript, jQuery, Loadash, D3.js

**Frameworks:** Angular, Vue, Bootstrap, Flask, NodeJS

**Backend Languages:** Python (Pandas, NumPy, PyMongo, Boto3)

**Databases:** SQL, MYSQL, SQLite, DynamoDB, MongoDB

**Tools:** Sublime, Visual Studio, Notepad++, Postman, Pycharm

**Task and Project Management:** Jira, GitLab, AWS Code Commit

**Cloud Technologies:** AWS (S3, DynamoDB, Cognito, API, Cloud watch, Cloud formation, Code pipeline, Lambda Functions, S3 Events, Event Bridge, SNS, SQS, Cloud front, IAM, VPC, X-ray Tracing), AZURE( AAD).

**Methodologies:** Agile, TDD, Paired Programming (XP)

**Others:** Backend Testing, Responsive Design, Athena, NPM, YAML, CSS media queries, API Documentation, Rest API Development.

## Achievements

**Department Topper -March 2018**

Bapatla Engineering College, Bapatla, AP

**The Best Team Award- Sep 2019**

Tata Consultancy Services, Chennai, TN

**Technical Excellence Award – Oct 2021**

Tata Consultancy Services, Chennai, TN

**Rising Star Award - Aug 2022**

Gramener Technology Private Limited, Hyderabad

**Self-Driven Team Award - Oct 2022**

Gramener Technology Private Limited, Hyderabad

## Domains

- Cyber Security
- Smart Mobility
- Tele Communications
- Technology

## Related Courses

**Angular- The Complete Guide (2021 Edition)** - UdmeY

**Python for Data Science BootCamp** - UdmeY

**AWS Certified Developer Associate 2021** - UdmeY