

# PAVANKUMAR TAMMINEEDI

26 Taber St  
Quincy, MA - 02169  
Pa1kumart1997@gmail.com  
☎+1-7169519014

## Profile Summary

- Overall software engineering experience and proficiency with relevant languages/technologies like Java, TypeScript, Python, etc.
- Experience in AWS Services like Storage Gateway, CloudWatch, EC2, CloudFormation, Lambda, DynamoDB, Step Function, IAM, etc.
- Implement and maintain infrastructure as code (IAC) using tools like CloudFormation, AWS CDK.
- Experience of designing and implementing web services.
- Experience in Information Technology and proven experience of ETL development, data analysis, data mapping, data profiling, data modeling for a highly complex Integrated Data Warehouse.
- Good knowledge and experience in Data warehouse concepts from End-to-end development of software products from requirement analysis to system study, de-bugging, documentation, configuration management and Implementation.
- Has knowledge on ETL tools like Matillion and Snowflake and used them in the project environment.
- Good knowledge in Python scripting for developing websites and data analysis, and Machine Learning.
- Proficient in R scripting for preprocessing of data, data analysis and Machine Learning Algorithms.
- Expertise on usage of SQL queries to extract data from RDBMS databases – MySQL, SQL Server, Postgres SQL.
- Demonstrated experience in delivering software projects using Agile/Scrum methodologies
- Quick learner and vibrant team player with ability to work independently under pressure and meet demanding deadlines

## Technical Skills

- **Languages:** C, Java, Python, R, JavaScript, CSS, TypeScript.
- **Data Processing:** Matillion.
- **Data Visualization:** Excel
- **Database:** SQL, DynamoDB
- **Operating Systems:** Linux, Windows
- **AWS Tools:** Storage Gateway, S3, EC2, Athena, Lambda, CloudWatch, Step function
- **DevOps Tools:** CloudFormation, AWS CDK

## Relevant Work Experience

### Amazon Web Services (Full Time), USA

Oct 2022 - Present

#### Software Development Engineer

- Learn about various AWS cloud services and use them to design and develop services in AWS Storage Gateway.
- Programming in Python and/or Java in Linux and/or Windows environment.
- Implemented Lambda Functions and connected them with DynamoDB, Step Functions.
- Developed and executed multiple Step Functions for workflow orchestration.
- Used AWS Lambda, DynamoDB, Athena, Glue, SNS in Step Functions.
- Developed Infrastructure code with AWS CDK in TypeScript.
- Developed various dashboards in AWS CloudWatch and in WIKI.

**Environment:** AWS Storage Gateway, S3, EC2, Glue, Step Function, Lambda, CloudFormation, AWS Athena, Glue, SQS, SNS, AWS CDK, Python, JAVA, TypeScript.

### Tata Consultancy Services (Full Time), INDIA

May 2019 – July 2021

#### Software Engineer

- Experience in Information Technology and proven experience of ETL development, data analysis, data mapping, data profiling, data modeling for a highly complex Integrated Data Warehouse.
- Good knowledge and experience in Data warehouse concepts from End-to-end development of software products from requirement analysis to system study, de-bugging, documentation,
- Has knowledge on ETL tools like Matillion and Snowflake and used them in the project environment.
- Good knowledge in Python scripting for developing websites and data analysis, and Machine Learning.
- Proficient in R scripting for preprocessing of data, data analysis and Machine Learning Algorithms.
- Proficiency with SQL, its variation Oracle and skilled at optimizing complicated SQL statements.
- Experience in web development using HTML5, JavaScript, CSS, React JS, .NET to build modern web applications.
- Good knowledge and experience in Web Development from End-to-end development of software products from requirement analysis to system study, de-bugging, documentation and Implementation.
- Worked on projects related to Finance, Retail and Health domain. Flexible to learn new technologies and having experience of client interaction and onsite coordination.
- Quick learner and vibrant team player with ability to work independently under pressure and meet demanding deadlines.

## Education

Aug. 2021 - Aug. 2022

**University at Buffalo, Buffalo** - *Ms. in Data Science.*

**GPA - 3.68/4**

- Gained a good knowledge on data recognition, data cleaning, as well as data visualization and also learned about the machine learning algorithms and have implemented all of them into a single project.
- Developed a project using python and SQL which will analyze the crime rate in the Buffalo city.
- Developed a project using R and various machine learning algorithms to predict the breast cancer.

July. 2015 - April. 2019

**Jawaharlal Nehru Technological University, Kakinada** - *Bachelors in Electronics and Communication Engineering*

**GPA - 8.5/10**

- Gained a good knowledge on Programming Languages Like C, JAVA and Data Structures
- Designed an antenna which will operate at three different frequencies especially for the satellite applications
- Attended different workshops on IOT and Robotics