

Pakthapriyan Sivakumar

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Summary:

Enthusiastic learner with a passion for cloud technologies, data-driven decision-making, and software development. Experienced in data analysis, project management, and team collaboration with proven ability to leverage technology for solving real-world problems. Currently enhancing expertise in **AWS Cloud Computing** and **React Development** to build scalable, modern applications.

Skills:

- **Development:** Java, React, HTML, CSS, JavaScript,
- **Cloud:** AWS (Cloud Foundations, EC2, S3, IAM, VPC, RDS, CloudWatch, CloudFormation)
- **Databases:** MySQL

Education:

- **M.Sc. Computer Science** (2023 JUL – 2025 MAY)
 - Sastra Deemed University (CGPA: 7.88)
- **B.Sc. Computer Science** (2020 JUL – 2023 MAY)
 - Sastra Deemed University (CGPA: 7.10)

AWS Training (JUL 2025 – OCT 2025 In Progress)

- Currently pursuing AWS re/Start Training Program (Cloud Foundations, Networking, Security, DevOps Fundamentals).
- Hands-on practice with EC2, S3, IAM, VPC, RDS, CloudFormation, and CloudWatch.
- Upon completion, will obtain AWS Certified Cloud Practitioner Certification.

Experience

Data Analyst Intern | NullClass | December 25, 2024 - January 25, 2025

- Conducted exploratory data analysis on the "Job Dataset" to identify patterns and insights.
- Cleaned and preprocessed data, including handling missing values and outliers.
- Performed data visualization using Tableau to communicate findings effectively

Theta Cultural Website | HTML, CSS, JavaScript Web Application

- Developed a dynamic website for the college's "Theta" cultural event using HTML, CSS, and JavaScript, showcasing front-end web development capabilities.
- Focused on creating a user-friendly and visually appealing interface.
- Participated in the "Web Wizard" competition (Informatica Club), highlighting problem-solving and rapid development skills.

Stock Market Prediction | Python & Flask Web Application

- Built a Python web application using Flask to display stock price predictions generated by machine learning models (ARIMA, Linear Regression, LSTM).
- Demonstrated experience with web application development and integrating machine learning models with web interfaces.

Extracurricular Activities:

- National Service Scheme (NSS) Volunteer, Sastra Deemed University

Certifications:

- React Professional (In Progress) | Infosys Springboard
- Python for Data Science, AI & Development – IBM
- Databases and SQL for Data Science with Python - IBM