

ABOUT ME

A passionate Software Engineer with 2 years of work experience and a year of freelancing. A curious learner who appreciates challenging tasks, bringing forth an empathetic and professional attitude. Team Player who also can work independently.

EDUCATION

<b>Master of Science in Applied Computer Science</b> GPA: NA   Grand Valley State University, Allendale, MI	August 2025 - Present
<b>Bachelor of Technology in Information Technology</b> GPA: 3.4   Anna University, Chennai, India	August 2019 - April 2023

SKILLS

**Programming Languages:** Python, Java, C/C++, Javascript/Typescript, Basics of R  
**Database Management Systems:** MySQL, PostgreSQL, MongoDB, Redis  
**Data Visualisation Tools:** Tableau, Power BI, Datadog, AWS CloudWatch  
**Data Engineering Techniques:** Data Extraction, Data Transformation, Data Modelling, Data Storage, Data Visualisation  
**Cloud Platforms and Standards:** Google Cloud Platform (GCP), Amazon Web Services (AWS), Azure (Microsoft Azure)  
**Automation and Analytics Tools :** Apache Airflow, PySpark, Pandas, NumPy

EXPERIENCE

<b>Software Developer Intern   Virtusa Polaris   Chennai, India   March 2021 - July 2021</b> <ul style="list-style-type: none"><li>Responsible for <b>Debugging, Structuring</b> and <b>Monitoring</b> Spring based Java Applications.</li><li>Setup <b>Data Visualisation</b> tools for analysing consumer oriented data.</li><li>Designed and Modelled <b>Database Schemas, Database Triggers</b> and <b>Database Transactions</b>.</li><li>Write Efficient and Reliable <b>Test Cases</b> using JUnit and Jest to ensure Reliable Performance.</li></ul>
<b>Product Engineer   Codingmart Technologies   Coimbatore, India   July 2022 - June 2024</b> <ul style="list-style-type: none"><li>Engineered and optimized <b>Data Pipelines</b> using Airflow, ensuring seamless orchestration and automation of complex data workflows.</li><li>Implemented <b>ETL processes</b> to extract, transform, and load data from diverse sources into storage systems like PostgreSQL and MongoDB.</li><li>Developed scalable <b>Backend Solutions</b> using Node.js, ensuring robust server-side functionality and efficient data processing.</li><li>Optimized <b>Data Storage &amp; Retrieval</b> processes through proficient utilization of databases such as PostgreSQL and MongoDB.</li></ul>

PROJECTS

<b>Project636 (Fantasy Gaming Platform)</b> <ul style="list-style-type: none"><li>Orchestrated complex data workflows using <b>Airflow</b>, ensuring seamless integration and monitoring of real-time data synchronization processes within the Project636 ecosystem.</li><li>Facilitated data visualization and control capabilities with <b>Tableau</b>, empowering stakeholders to view actionable insights and exercise control over data.</li></ul>
<b>2Hub (B2B Hotel Booking System)</b> <ul style="list-style-type: none"><li>Employed Postgres for efficient data management within the 2Hub ecosystem by leveraging the use of <b>PowerBI</b>, ensuring seamless handling of hotel booking information.</li><li>Setup and maintain automated <b>CI/CD Pipelines</b> for building, testing and deploying backend applications.</li></ul>
<b>Kalanju (Internal Employee Management Portal)</b> <ul style="list-style-type: none"><li>Contributed to the continuous improvement of Kalanju's backend infrastructure, utilising a tech stack that includes <b>Node.js</b>, Fastify, Postgres, <b>Elastic Search</b>, and Kibana to meet the evolving needs of the Employee Management tool.</li></ul>

CERTIFICATIONS & ACHIEVEMENTS

<ul style="list-style-type: none"><li>M001 - MongoDB Certified Developer.</li><li>DSA/Responsive Web Design Certifications from <a href="#">FreeCodeCamp.com</a>.</li></ul>	<ul style="list-style-type: none"><li>Presented and Published my paper regarding <a href="#">“Patent Systems using Blockchain NFTs”</a> at the 4th International Conference of Internet of Things (IoT) 2023.</li></ul>
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