

EDUCATION

Arizona State University, Tempe, AZ	Dec 2025
Master of Science, Information Technology	4.00 GPA
Relevant Coursework: Analyzing Big Data, Database management Systems, Data Visualization, Natural Language Processing	
Rajiv Gandhi Proudyogiki Vishwavidyalaya, India	Aug 2017 – Jun 2021
Bachelor of Technology, Computer Science and Engineering	3.36 GPA

TECHNICAL SKILLS

- Languages:** Python, SQL, C++, JavaScript, HTML, CSS
- Frameworks:** Angular, React, Bootstrap, ExpressJS, NodeJS, Tailwind CSS, D3.js, flask
- Database and Data Visualization Tools:** MongoDB, Tableau, Power BI, MS Excel, Postgres, **ETL Pipelines**, Kibana
- Cloud Platform and Tools:** AWS Cloud Platform, Google Colab, Git, JIRA, Databricks
- Certifications:** AWS Cloud Practitioner, AWS Solution Architect, MERN, Angular, Neo4j Graph Data Science, Tableau

PROFESSIONAL EXPERIENCE

Software Engineer	Sep 2022 – Dec 2023
Prodapt Solution Pvt Ltd	Bangalore, India
<ul style="list-style-type: none">Designed and implemented a dynamic web application to visualize Optical Line Terminals (OLT) and Optical Network Terminals (ONT), resulting in a 30% enhancement in network monitoring efficiencyImplemented Leaflet library to seamlessly display and interact with over 1,000 OLT and ONT devices on an intuitive map interface, enhancing spatial understanding and facilitating efficient network monitoringDeveloped and integrated 20+ interactive chart types with Highcharts and D3.js, enhancing network analysis capabilities and reducing data interpretation time by 50%, leading to quicker decision-making and improved network performanceSpearheaded fault detection enhancements for OLT and ONT devices, resulting in a notable 40% reduction in troubleshooting time, thereby optimizing network reliability and performanceIntegrated Grafana to enable real-time monitoring and visualization of OLT and ONT devices, significantly improving operational insights and reducing network downtime by 40% through proactive management strategies	
Associate Software Engineer	Jul 2021 – Sep 2022
Prodapt Solution Pvt Ltd	Bangalore, India
<ul style="list-style-type: none">Leveraged Python to perform complex data wrangling and statistical analysis, resulting in a 40% enhancement in web app performance and a 25% increase in user retentionEngineered RESTful endpoints to effectively reduce downtime by 25% and enhance user experience, ensuring seamless access to critical network functionalitiesProficient in Angular, instrumental in driving a 30% increase in user engagement and achieving a 25% reduction in load times through optimized frontend development strategiesDeveloped a robust face recognition application for streamlined employee attendance management, boasting an impressive accuracy rate of 95%Implemented an automated attendance tracking system, effectively reducing manual tracking time by 50%, enhancing efficiency and accuracy in workforce management	

PROJECT WORK

Web Based Ed-tech project (Study Notion)	May 2024 – Jun 2024
<ul style="list-style-type: none">Led the development of Study Notion, a pioneering ed-tech platform, utilizing ReactJS, NodeJS, MongoDB, and ExpressJS to redefine online learning paradigmsEmpowered users to seamlessly create, consume, and rate content on Study Notion, yielding a remarkable 40% speed enhancement in content delivery and interactionAchieved a 30% reduction in server response time by implementing efficient code optimization techniques, enhancing overall platform performance on Study Notion	
Real-Estate Management	Mar 2024 – Apr 2024
<ul style="list-style-type: none">Engineered innovative real estate software using Angular, HTML, and CSS, facilitating seamless property management and client interactionsRevamped UI/UX design to deliver an intuitive user experience, resulting in a significant 25% decrease in bounce rates for the real estate softwareImproved connectivity and communication channels between property managers and buyers, fostering streamlined interactions and facilitating efficient real estate transactions	