LIKITHA DODDAYAGATI THIMMAIAH

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GitHub: github.com/likithadt | **LinkedIn:** linkedin.com/in/likithadt | **Portfolio:**

CAREER PROFILE

Motivated and detail-oriented professional with four years of experience in the IT industry. Consistently delivered effective software solutions with a commitment to efficient coding and optimization. Strong problem-solving abilities and a passion for staying updated on emerging technologies and best practices. Seeking to leverage my experience and expertise to contribute effectively to drive growth and innovation in a dynamic team environment.

EDUCATION

Master of Information Technology (Professional), majoring in Data Science and Cloud Computing   Nov 2023 – Jul 2025

Deakin University, Burwood Campus, Melbourne

WAM: 84.2 [High Distinction]

Relevant Courses: Applied Software Engineering, Cloud Computing, Cyber Security Management, Cloud Computing, Data wrangling

Bachelor of Engineering (B.E.) - Information Science & Engineering   Aug 2016 – Sep 2020

The National Institute of Engineering, India [CGPA: 9.86/10] [First Class with Distinction]

Relevant Courses: Data Structures, Algorithms, Object Oriented Programming, Database Management Systems, Artificial Intelligence

PROFESSIONAL EXPERIENCE

Data Engineering Intern | Xero (Melbourne)   Feb 2025 - Present
- Engineered data pipelines in Python/C#, reducing processing latency by 15% for Mixpanel events
- Deployed New Relic dashboards, improving incident detection by 20% for key data processors and enabling real-time performance monitoring
- Boosted pipeline reliability to 99.5% uptime by implementing exponential backoff and infinite retries for transient API errors
- Cut new user onboarding time by 25% through comprehensive API documentation and updated project READMEs
- Streamlined incident resolution by 10% by actively contributing to Post-Incident Reviews (PIRs) and enhancing runbook clarity
- Contributed to 5+ feature deliveries via Agile sprints, active participation in mob code reviews, and robust goal-setting

Software Engineer-2 – Gupshup Technology Pvt. Ltd.   Jan 2023 - Oct 2023
- Closed multiple bugs and issues in a month while working on the stabilization of the existing system which increased the efficiency of the system by 15%
- Involved in implementing security measures for the product which included 2-factor authentication, captcha, and data encryption
- Integrated UI for a new telephony vendor that catered to customers' issues immediately

UI- Mobile Developer – ODCEM Technologies Private Limited   Oct 2020 - Dec 2022
- Integrated Instagram mentions and DMs to the social listening platform catering to over a million social mentions a day
- Key Contributor in migration of analytics dashboarding from Tableau to Zoho Analytics
- Integrated automatic email filtering to factor out spam emails from creating tickets reducing ticket turnaround time by 75%
- Integrated UI for Single Sign-On feature for logging in across the product suite offered by OneDirect
- Designed UX and integrated sentiment analysis engine for messages and conversation contexts along with their analytics
- Key UI developer in the integration of Cloud Telephony channel in the listening product
- Performed testing of developed features, increasing efficiency and reducing defect rates by 5%

UI- Mobile Developer Intern – ODCEM Technologies Private Limited   Jan 2020 - Sep 2020
- Developed a feature for creating customized ticket forms enabling users to select custom ticketing template
- Integrated various CRM software in the social listening product leading to multiple client interactions
- Integrated Reddit as a channel to the social listening tool leveraging Angular, Java, and MySQL
- Gained comprehensive knowledge of IT concepts and company operations, enhancing my understanding of industry practices and professional workflows.

Software Intern - Gurutu   **Sep 2019 - Nov 2019**
- Developed workflows to automate HR-related tasks, resulting in a significant increase in efficiency
- Visualized Employee Attrition Rate of the company to help the HR team track employee satisfaction
- Leveraged libraries like Seaborn and matplotlib to visualize the KPIs of employees

Software Engineering Intern - Theorem   **Jun 2019 - Jul 2019**
- Built an Employee Management System for automation of data updates during employee onboarding and offboarding
- Worked on Rhythm Automation (Theorem's Internal Tool) to automate database updations

ACADEMIC PROJECTS

Photofolio (More than just a portfolio)   **2024**
Explored the development of a cutting-edge platform tailored for photographers, focusing on portfolio management, seamless audience interaction, and specialized services, utilizing Node, MongoDB, Mongoose, and Bootstrap. testing frameworks Mocha and Chai, ensuring robust test coverage and reliable performance

Self-Driving Vehicle   **2020**
Explored computer vision and AI techniques to build self-driving cars using Convolutional Neural Networks. Technologies used: Python, CUDA, Arduino C, Camvid dataset, FastAI library, Linux, Visual Studio code, NVIDIA Jetson nanochip

Air Quality Monitoring System (with Nokia)   **2019**
Used MQ-135 (Air-sensor) to monitor the volume of pollutants present in the air, further plotting visualization for various metric relationships using technologies like Node MCU, Embedded C, and Python

Smart Key SystemSmart Key System   **2019**
Designed a proposed system featuring an IoT device in the vehicle that scans the smart key, communicates with the database of smart key users, and checks the validity of insurance and driving licenses before unlocking the vehicle.

Threat Intelligence and Vulnerability Management (with Hewlett Packard Enterprise)   **2018**
R&D-based project to explore the aspects of software systems' security. Developed "Threat Ripper", a command-line tool by integrating various existing APIs like virus Total and Threat Intelligence platform APIs

TECHNICAL SKILLS

● Java | C	● Python | C++	● HTML | CSS	● Javascript | Typescript	● Angular | React
● New Relic	● Snowflake	● Terraform	● TeamCity | Cortex	● Sumologic
● DBMS | MySQL	● Git | Docker	● SDLC	● Redux	● Spring Boot
● Cloud Computing	● AWS | Azure	● Data Visualisation	● Kubernetes	● Kafka

LEADERSHIP & ACHIEVEMENTS

- Representing Deakin University as the **South Asia Student Ambassador** for the year 2024-2025
- Volunteered at a Mysuru-based NGO, Kaliyuva Mane, by tutoring and authoring scientific experiment books for high school students
- **Gold medal recipient** for finishing at the top of my class in the Information Science department during my bachelor's degree.
- Awarded '**Sri B.N Devaraiya Gold Medal**', '**Smt Lakshamma Ramaswamy Gold Medal**', '**Late Smt Shankunthala Rao Gold Medal**', '**Sri Narasimhaprasad Memorial Gold Medal**' during the period of 2016 - 2020 in recognition of the Best Girl passing out of NIE
- Been a **Membership Evangelist** and **Public Interest Lead** of the **NIE IEEE Student Branch (NISB)** and organized the state-level event AKCSC'18 (All Karnataka Computer Society Congress)
- Certifications: **AZ-900**: Microsoft Azure Fundamentals (Microsoft, May 2024), Deploy cloud-native apps using Azure Container Apps certified, **JavaScript Essential Training** (LinkedIn Learning, Nov 2023), **Google Data Analytics Professional Certificates**: Ask Questions to Make Data-Driven Decisions (Coursera, Sep 2023), Prepare Data for Exploration (Coursera, Sep 2023), Foundations: Data, Data, Everywhere (Coursera, Jul 2021), **MuleSoft Certified Developer - Level 1**.