

# Hima Sai Kiran Prudhivi

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## EDUCATION

**Master of Science, Computer Science - Intelligent Systems and Data Science**  
*The University of Texas at Dallas*

Aug 2022 – May 2024  
**GPA: 3.78/4**

**Courses:** Machine Learning, Algorithms (DAA, DS), Statistical Methods, DB, OS

**Bachelor of Technology, Electrical and Electronics Engineering**

*National Institute of Technology, Karnataka, India*

Aug 2015 – May 2019  
**GPA: 8.57/10**

## PROFESSIONAL EXPERIENCE

**Student Assistant – Part Time, Institute for Data Analytics @ UT Dallas**

Oct 2022 – Present

- Developed full stack Java application using Spring boot, Java Servlets, JSF, Hibernate, HTML, CSS, JS.

**Applications Engineer, Oracle, Bangalore, India**

June 2019 – Aug 2022

- Developed features, tested, deployed, and supported 8+ existing Java/Spring applications.
- Implemented features on 4+ full-stack applications with Oracle JET as a UI framework and Java as a back-end.
- Designed and developed 2 full-stack applications from scratch and supported them in production.
- Used Apache Kafka to stream and process marketing data and sync two data sources.
- Used Docker, Kubernetes (OKE), Helm, and Jenkins in all the applications for containerization and CI/CD.

**Student Trainee, Samsung R&D, Bangalore, India**

May 2018 – July 2018

- Improved logging performance by 10% in a real-time logging module for multi-core systems.
- Programmed on a C++ codebase for LTE protocol MAC layer of Samsung's 4G provider.

**Full Stack Developer – Part Time, Unibots, India**

July 2017 – May 2018

- Developed Node.js and Python APIs on AWS Lambda, DynamoDB, and React.js UI for 30+ chatbot clients.
- Established architecture to enable seamless deployment of chatbots using GitHub actions for 30+ clients.

## TECHNICAL SKILLS

Certifications: Neural Networks and Deep Learning - DeepLearning.AI, SAFe 4 Practitioner

Training: Oracle Database 12c, Java SE, Java EE, Oracle Cloud Infrastructure, Spring Framework

Back-end: Java, C++, JavaScript (Node.js), Python, PHP, Rust, GoLang

Front-end: Oracle JET (HTML5, CSS3), JavaScript (TypeScript), React.js, jQuery

Databases: MySQL, Oracle SQL, DynamoDB, MongoDB

Others: Apache Kafka, Docker, Kubernetes (OKE), Helm charts, AWS Lambda, Git, Jenkins, GitHub Actions

## ACADEMIC PROJECT

**A 4-link drawing robot, Graduation project**

Aug 2017 – May 2019

Used Python and MATLAB to simulate and drive a 4-link robot arm manipulator hardware which tracked English alphabets while maintaining an error of less than 2%.

**Adaptive control of a robot using Reinforcement Learning, Research Internship**

May 2017 – July 2017

Used MATLAB simulations to model a 2-link robot manipulator and implemented a reinforcement learning based controller using CMAC neural network.

## LEADERSHIP EXPERIENCE

**IET - Institution of Engineering and Technology, NITK, Convenor (Head)**

Aug 2018 – May 2019

**Technites, NITK, Project lead**

Sep 2018 – Oct 2018

**Engi'17, NITK, Head – Online Events**

Sept 2017 – Sept 2017

## AWARDS

Two-time "OAL CRM Org" Award Winner at Oracle for demonstrating innovation, speed, flexibility, and curiosity.

## ADDITIONAL INFORMATION

**Eligibility:** F1 VISA, Eligible to work in the US for internships and full-time for up to 36 months.