

# Hima Sai Kiran Prudhivi

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## EDUCATION

### Master of Science, Computer Science

*The University of Texas at Dallas*

Aug 2022 – May 2024

### Bachelor of Technology, Electrical and Electronics Engineering

*National Institute of Technology, Karnataka, India*

Aug 2015 – May 2019

**GPA: 8.57/10**

## PROFESSIONAL EXPERIENCE

### 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

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, and curiosity.

## ADDITIONAL INFORMATION

Languages: English, Telugu, Hindi

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